

SHEMAR

T&D Solutions

Suspension Insulators Catalogue

Up to 1000 kV



Leading Innovation in Composite Insulation Technology

CONTENT

Shemar Composite Insulators	P01
Design Features and Manufacturing	P01
Materials and Components	P06
Testing and Quality	P07
Continuous R&D and Improvement	P09
Catalog Numbering	P12
End Fittings	P13
25Kips	P15
30Kips	P24
50Kips	P34
Notes	P45

SHEMAR Composite Insulators

Delivering Superior Ageing Resistance and Longevity in Reliability Performance

SHEMAR composite suspension insulators embody the latest innovations in composite insulation technology combining world leading material science development, cutting edge design technology, state-of-the-art manufacturing and rigorously monitored quality control.

We understand the crucial impact that insulators can have on the long-term performance of transmission lines, which is why at SHEMAR we have prioritized creating composite insulator products and solutions that offer unparalleled, reliability, ageing resistance and exceptional performance.

Design Features and Manufacturing

One Piece Insulator without Joints

SHEMAR's composite suspension insulators are designed with advanced one-piece housing technology that eliminates internal interfaces, providing superior bonding performance and protection against erosion damage. The housing is directly vulcanized to the core, resulting in a single, seamless HTV silicone rubber housing (sheath and sheds) that is impenetrable to moisture ingress and provides ultimate defense against environmental factors.

During manufacturing a single-shot injection molding process is used, which applies high pressure and temperature to ensure a robust, one-piece housing that is chemically bonded to the core rod. This one-piece housing design features only one internal interface, i.e. the boundary interface between the housing and the FRP core rod, which significantly reduces sensitivity to tangential electrical field stress that can cause erosion damage.



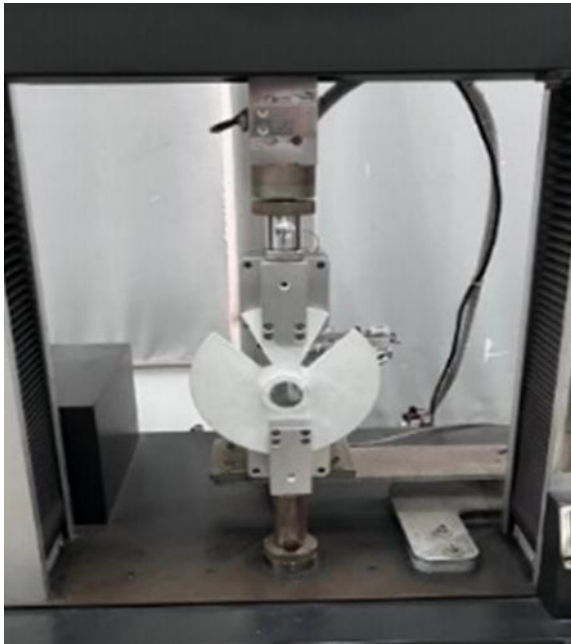
500T Injection machine



1500T Injection machine

Excellent Bonding between Core and Housing

SHEMAR's injection molding manufacturing process also creates an unmatched quality of chemically bonded interface between the rod and housing, as well as the end fitting and housing, which eliminates the risk of internal tracking along the longitudinal interface of the composite insulator. The bond between the silicone rubber housing and fiberglass rod is also mechanically stronger than the intrinsic tear strength of the silicone rubber, ensuring an incredibly durable and reliable insulator.



Bonding pull-off test



Excellent bonding performance

Impenetrable Triple Point

SHEMAR's composite suspension insulators feature an innovative and unique impenetrable sealing system to prevent water and contamination from entering the insulator at its triple point. This is achieved by directly molding HTV silicone onto the triple point and overlapping part of the metal end fittings to ensure total enclosure and protection of the sensitive triple junction zone (where metal end fitting/core rod/silicone housing meet).

The highest bonding and adherence of HTV silicone housing on to the end fittings safely protects the fiberglass rod against water or contamination attack and eliminates the needs for inherently weak traditional sealing devices.



Maximized Mechanical Integrity

To ensure uniform stress distribution and maximum mechanical integrity of the finished Insulator a circumferential, multi-step crimping system is used for the attachment of metal end fittings to the FRP core. Each crimping process is monitored for acoustic emission, crimp pressure and travel distance of compression dies as control parameters.

Large variability in the ultimate tensile strength of Insulators can occur due to various failure modes at the interface between the core rod and end fitting. To deliver the most consistent reproducibility in tensile strength, SHEMAR's insulator designs are based on uniform failure mode and a safety buffer of approximately 20% is maintained between the ultimate tensile failure load and the specified mechanical load (SML).

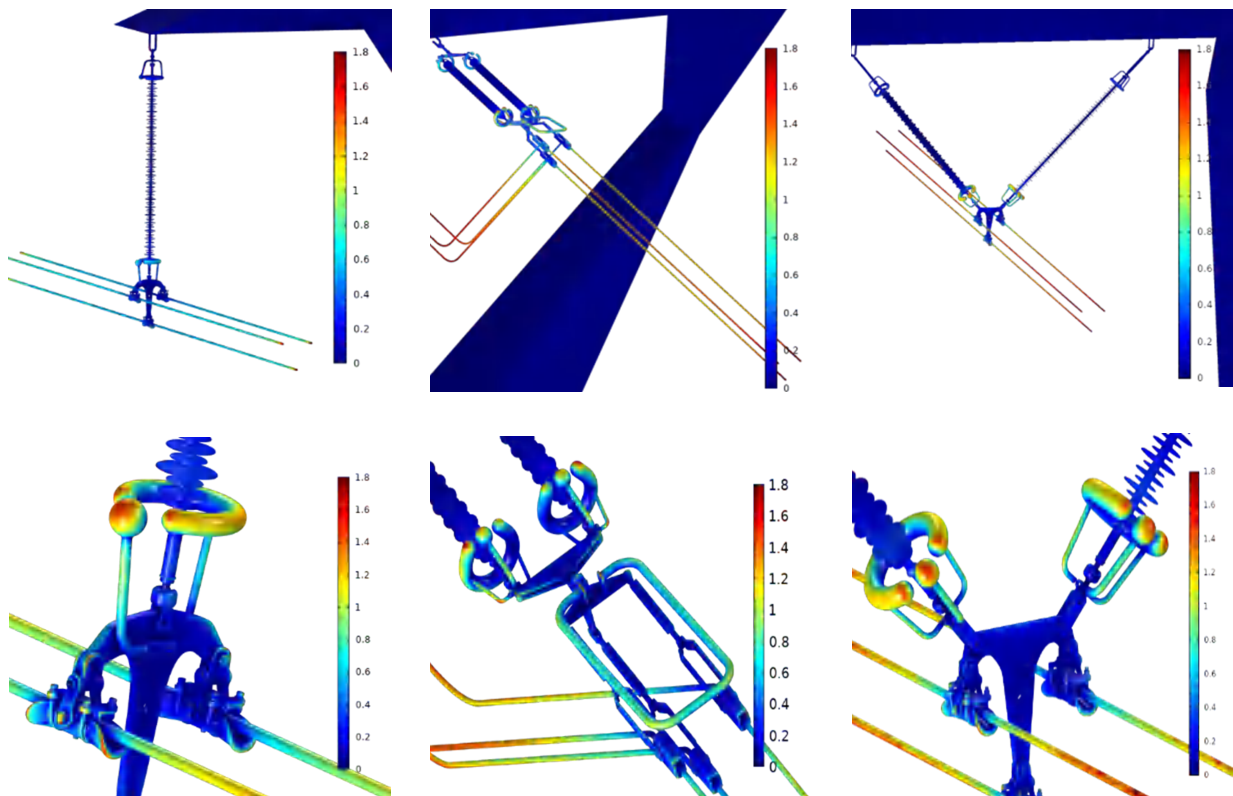
In addition, SHEMAR insulators come with built-in redundancies that contribute to their higher torsional strength rating, which can make the installation and in-service operation of the insulators safer.

Optimal Electric Field Grading - No Water Droplet Corona

At SHEMAR, our composite insulators are carefully engineered to eliminate RIV and corona (under both dry and wet conditions). Rather than taking a one-size-fits-all approach, we design our corona rings in accordance with the actual requirements and use of the individual user. To achieve this, our application engineers utilize state-of-the-art 3D modeling and FEA simulations to determine the optimal size and placement of corona rings based on the specific structure design and overall assembly configuration.

It is ensured that the maximum electric field criteria of ≤ 4.2 kVrms/cm on silicone rubber housing recommended by EPRI/STRI* is maintained on all of our designs and thus the phenomenon of water droplet induced corona (WDIC) and corresponding risk of material erosion is avoided. Lowering of electric field stress is also aided by the shape of the silicone rubber housing at the overmolded connection zone which works to decrease the electric field strength at the inner triple point and on the silicone surface itself.

Furthermore, all of our corona rings are designed with an open (c-section) style, making them easy to install and replace.



Electric field simulation

Designed to Endure Severe Environments

SHEMAR's composite suspension insulators are created to endure even the most severe service conditions, such as coastal salt fog, dust and industrial contamination without impairment in performance.

Superior hydrophobicity retention and short hydrophobicity transfer and recovery times prevents the formation of conductive layer and the excellent tracking and erosion performance of the housing provides an additional defense mechanism.

The insulator housing features alternating weathershed profiles with both standard and high leakage distance designs, along with optimized shed spacing (S), overhang (P) and creepage factor (CF) parameters, to ensure maximum effectiveness, self-cleaning performance and resistance to contamination, ice and leakage currents in various environmental applications. All of our housing shed profile designs adhere to the recommendations given in IEC 60815-3 and have a minimum 3mm sheath thickness.

Application Example in Severe Environment: ± 400kV DC Qinghai-Tibet project

Application Environment:

Altitude 4612 m (15,100 ft.) with high ultraviolet radiation intensity (6680MJ / m²). The severity is 4 ~ 5 times of the normal working condition.

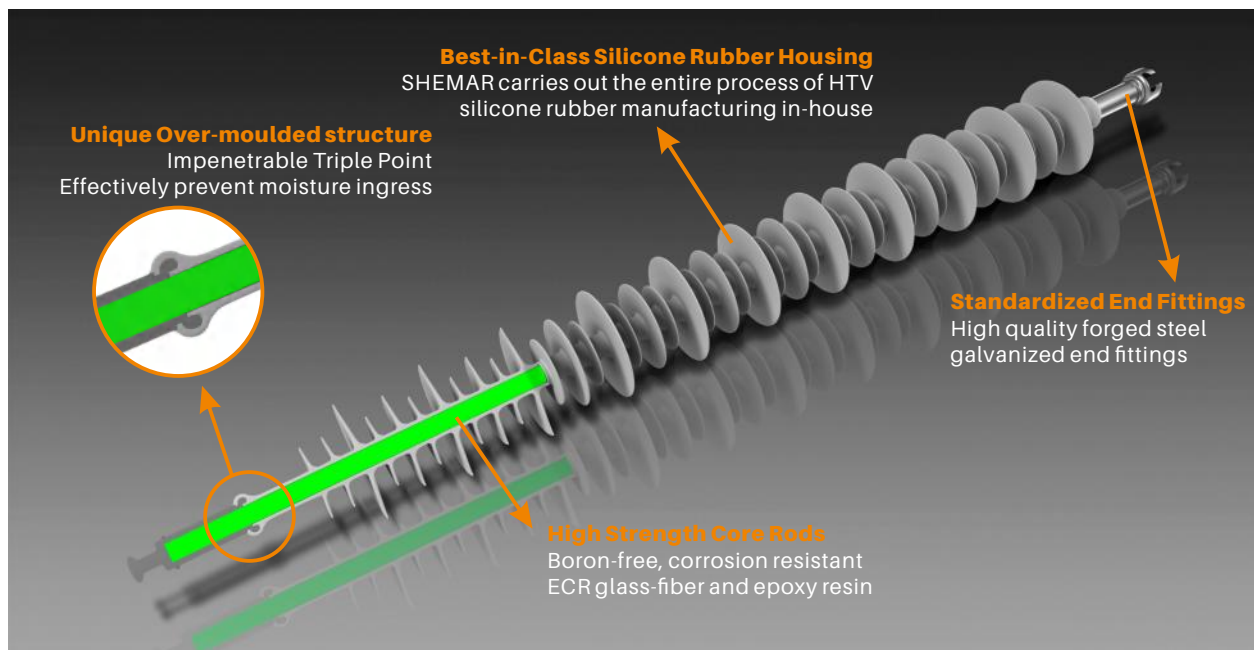
Performance:

After six years of operation under this severe environment, the silicone rubber material of SHEMAR composite suspension insulator still had excellent aging resistance performance, and its elongation at break was still as high as 301%, which had no obvious attenuation compared with the initial value. The electrical, mechanical and material properties of composite suspension insulator fully meet the standard requirements.



±400kV DC Qinghai-Tibet
Project

Materials and Components



Best-in-Class Silicone Rubber Housing

The special HTV silicone rubber formulation used in SHEMAR's composite insulator housings has been scientifically engineered as a result of extensive R&D in order to overcome the various environmental, electrical and physical degradation mechanisms and deliver the best-in-class ageing resistance and long-term reliable performance.

SHEMAR carries out the entire process of HTV silicone rubber manufacturing in-house from raw material sourcing to mixing with special additives and fillers which achieves the best UV, tracking and erosion, weatherability and contamination resistance performance. SHEMAR HTV silicone rubber formulation has a long-term track record of successfully performing in some of the most extreme and demanding service conditions without degradation.

Fracture-Proof Core Rods

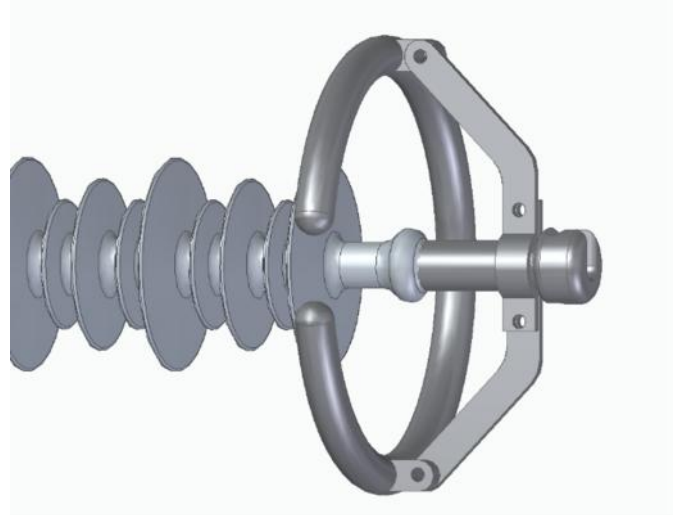
The fiberglass core rods for SHEMAR's composite suspension insulators are manufactured with boron-free, corrosion resistant ECR glass-fiber and epoxy resin. By using this E-CR boron-free formulation of fiberglass, the core rods have exceptional electrical integrity, and they are extremely resistant to hydrolysis and stress corrosion attack, which eliminates the risk of brittle fracture. Additionally, the core rods can withstand a 96-hour nitric acid resistance test as specified in IEC 62039. SHEMAR manufactures all of its fiberglass core rods in-house using a high-quality pultrusion process.

Standardized End Fittings

SHEMAR uses industry standard forged steel or ductile iron galvanized end fittings. All end fittings are subjected to rigorous incoming quality control inspections.

Corona Rings

Standard corona rings are made from high grade aluminum alloy. Rings made of galvanized steel are also available in case of arc current withstand requirements.



Testing and Quality

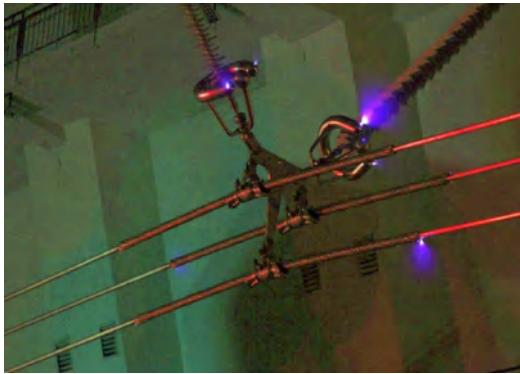
Compliant with National and International Standards

SHEMAR takes pride in being a truly global composite insulator enterprise. We have customized quality control plans for each type of composite suspension insulator and work instructions for each production line. Every composite suspension insulator goes through rigorous process verification, internal testing and third party testing. All of our composite suspension insulators meet ANSI C29.11, CSA C411.4 and IEC 61109, and we carry out routine and sample tests on each batch of insulators to ensure a reliable manufacturing process.

Additionally, SHEMAR's composite insulators also comply with the following tests:

- 5000 Hour Multi Stress Test as specified in IEC 62730
- Accelerated Weathering Test (1000 h UV test) as specified in IEC 61109
- Tracking and Erosion Test (Class 1A 4,5) as specified in IEC 60587
- Resistance to Weathering and UV (5000 h UV test) as per ISO 4892-3
- Resistance to Hydrolysis and Acid Attack on FRP Core as specified in IEC 62039
- Tracking Wheel Test as specified in CSA C411.4
- Resistance to Corona Cutting as per SHEMAR propriety test method
- Resistance to Acid Rain as per SHEMAR propriety test method
- Corona Ring Power Arc Withstand Test (20kA-0.25s, 5 shots) as per IEC 61467

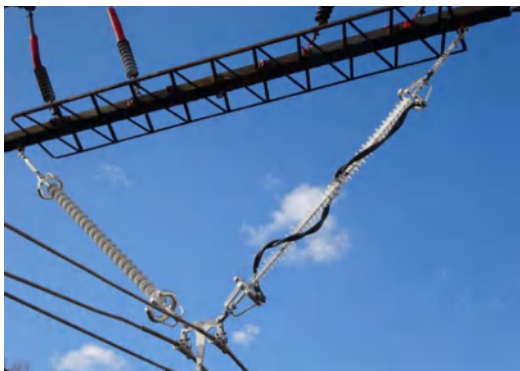
Our in-lab test results are backed-up by SHEMAR insulators proven 25+ years of successful field experience in diverse and severe service conditions.



**RIV and Visual Corona
Test of 400kV suspension string**



**Critical Impulse Flashover
Test of 400kV suspension string**



**Short Circuit Test of 400kV
suspension insulator string**



**Mechanical Failure Test of
400kV double tension string**



**RIV and Visual Corona Test of
345kV suspension string in
SHEMAR's Electrical Test Hall**



**Power Arc Test of 345kV
suspension insulator string**



**Tracking and Erosion Test
(1000h salt fog method)
of suspension insulator**



**Tracking and Erosion Test
(wheel method) of suspension
insulator**

Continuous R&D and Improvement

SHEMAR is dedicated to advancing key technologies, enhancing technical support, and ensuring the success of key projects. We are also focused on improving our independent innovation capabilities and core competitiveness in the rapidly evolving energy industry. This commitment has resulted in significant advancements in technical innovation, exceptional performance, and influential demonstration initiatives. These achievements have also earned recognition from the National Energy Administration. As evidence of our success, the National Energy Administration granted SHEMAR approval to establish the "National Energy Power Insulation Composite Material Key Laboratory" on August 24, 2014.



- (A) High low temperature humid-heat test box.
- (B) Optical Contact Angle Measuring Device.
- (C) Tensile Tester.
- (D) Thermal Gravimetric Analyzer.
- (E) Ultraviolet aging test chamber.

Currently, SHEMAR possesses robust and extensive in-house self-testing facilities that continually undergo refinement and enhancement. The company has established a comprehensive collection of material testing laboratories, structural mechanics testing laboratories, and electrical performance testing laboratories. These facilities are fully equipped to conduct physical and chemical property experiments on raw materials and samples, as well as structural mechanics and highvoltage electrical experiments on semi finished and finished products. These resources enable SHEMAR to meet the research and development demands of high-quality external insulation products.

SHEMAR

T&D Solutions



(A) Static contact angle

(B) Tearing strength test

(C) Tensile strength test

(D) Tracking and erosion resistance test



Our R&D team currently comprises 155 members, including 7 senior experts with doctorate degrees, 12 foreign technical experts, and 49 individuals with master's degrees. The team's research and development center is fortified by an interdisciplinary and cross-functional approach. With our team's continual expansion, more researchers from both domestic and international backgrounds are choosing to join SHEMAR's R&D efforts, contributing to the advancement of the green energy industry.

As of December 31, 2022, SHEMAR holds a total of **481** patents internationally.



Advantages and Reasons for Choosing SHEMAR Composite Suspension Insulators

- Innovative and reliable design methods and advanced manufacturing technology
- Best-in-class composite materials and high quality components
- Rigorous production quality control plan and strict testing of products
- Fast delivery cycle and rapid after-sales service
- Eliminates or reduces maintenance, more economical life cycle cost

How to Select the Right Transmission Composite Suspension Insulator

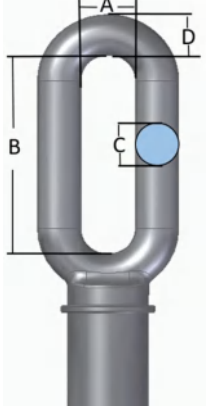
Customized solutions

At SHEMAR, we can offer customized solutions tailored to our customers' specific requirements. We take into consideration the actual working conditions, such as the type of the insulator strings, the required mechanical load, the connection method, coupling size of the end fittings, the pollution level and other unique applications, as well as any unique applications that need to be addressed. By doing so, we guarantee that our products will meet 100% of our customers' needs.

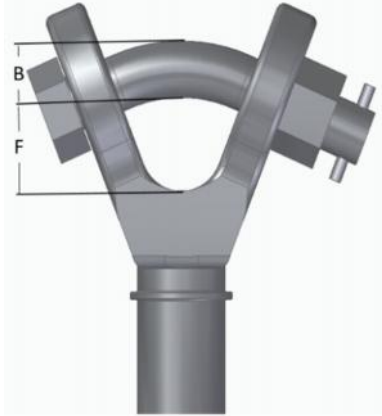
Standard catalogue products

To simplify the promotion of transmission grid projects and to facilitate quick selection by our customers, we have developed a range of standardized catalog products to choose from. These products offer shorter delivery cycles and increased flexibility for future replacements. For ease of reference, our detailed standardized selection library is provided below.

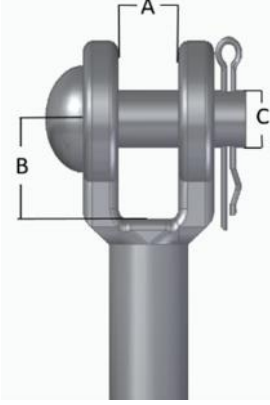
SHEMAR Catalog Number Definition							
30	1	SS	025	Y	J	3	4
SML 25=25Klbs. [111kN] 30=30Klbs. [133kN] 50=50Klbs. [222kN]	Core Dia. 1:0.709"[18mm] 2:0.945"[24mm]	SC: Compact Leakage SS: Standard Leakage SL: Long Leakage SE: Extra Long Leakage SM: Extremely Long Leakage	Number of sheds	Tower EF E: Eye Y:Y-Clevis C: Clevis T: Tongue S: Socket J:Ball [ANSI J] K:Ball [ANSI K]	Line EF E: Eye Y:Y-Clevis C: Clevis T: Tongue S: Socket J:Ball [ANSI J] K:Ball [ANSI K]	Tower Corona ring 0: None 1:9.84"[250mm] 2:12.01"[305mm] 3:13.78" [350mm]	Line Corona ring 0: None 1:9.84"[250mm] 2:12.01"[305mm] 3:13.78" [350mm] 4:14.57" [370mm]

End fitting selection					
SML KIPS [kN]	EYE				
	A	B	C	D	
25[111]	1.02 [26]	2.01 [51]	0.71 [18]	0.71 [18]	
30[133]	1.02 [26]	2.01 [51]	0.71 [18]	0.71 [18]	
50[222]	1.02 [26]	2.01 [51]	0.87 [22]	0.87 [22]	

End fitting selection		
SML KIPS [kN]	Y-Clevis	
	F[min]	B
25[111]	1.51 [38.3]	0.71 [M18]
30[133]	1.59 [40.3]	0.86 [M22]
50[222]	1.59 [40.3]	0.86 [M22]

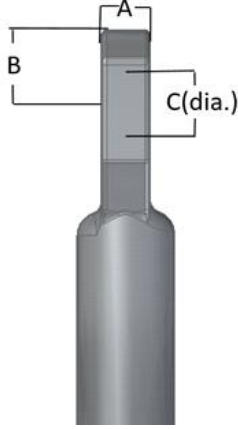


End fitting selection			
SML KIPS [kN]	Clevis		
	A	B	C
25[111]	0.75 [19]	1.22 [31]	0.63 [16]
30[133]	0.75 [19]	1.22 [31]	0.63 [16]
50[222]	/		



Dimensions are in inch [mm]

End fitting selection

SML KIPS [kN]	Y-Clevis			
	A	B	C	
25[111]	0.51 [13]	0.87 [22]	0.63 [18]	
30[133]	0.51 [13]	0.87 [22]	0.70 [18]	
50[222]	/			

End fitting selection

SML KIPS [kN]	Socket/Ball			
	Type	ANSI Class	Socket	Ball
25[111]	J	52-5		
30[133]	J	52-5		
50[222]	K	52-11		

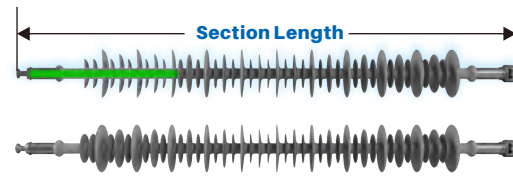
Corona ring selection

Voltage Class /kV	Corona ring size [Ring outside diameter]					
	69	138	161	230	345	500
Towerside	None	None	None	None	12" [305mm]	13.8" [305mm]
Line side	None	None	9.8" [250mm]	12" [305mm]	12" [305mm]	14.6" [370mm]

Dimensions are in inch [mm]

ANSI 25Kips

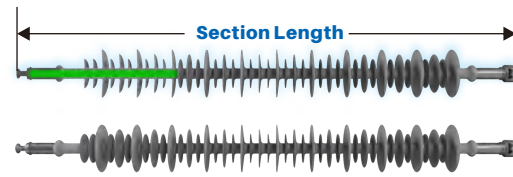
Composite Suspension Insulators Technical Data



Voltage Class [kV]	Catalogue No.	No. of Sheds	Section Length inch[mm]	Leakage Distance inch[mm]	Arcing Distance inch[mm]	Low Frequency Flashover [50Hz]		Critical Impulse Flashover		Approx. Weight lbs.[kg]
						Dry kV	Wet kV	Positive kV	Negative kV	
69	251SS015SJ00	15	32.04[814]	67.70[1720]	23.22[590]	251	221	420	436	6.64[3.01]
	251SS015YJ00	15	32.95[837]	67.70[1720]	23.22[590]	251	221	420	436	6.25[2.83]
	251SS015EJ00	15	33.30[846]	67.70[1720]	23.22[590]	251	221	420	436	5.74[2.60]
	251SS015EE00	15	35.11[892]	67.70[1720]	23.22[590]	251	221	420	436	6.36[2.89]
	251SS017SJ00	17	33.62[854]	74.40[1890]	24.80[630]	266	234	444	462	7.05[3.20]
	251SS017YJ00	17	34.52[877]	74.40[1890]	24.80[630]	266	234	444	462	6.65[3.02]
	251SS017EJ00	17	34.88[886]	74.40[1890]	24.80[630]	266	234	444	462	6.15[2.79]
	251SS017EE00	17	36.69[932]	74.40[1890]	24.80[630]	266	234	444	462	6.77[3.07]
	251SL017SJ00	17	35.07[891]	92.50[2350]	25.98[660]	281	247	466	486	8.07[3.66]
	251SL017YJ00	17	35.98[914]	92.50[2350]	25.98[660]	281	247	466	486	7.67[3.48]
	251SL017EJ00	17	36.33[923]	92.50[2350]	25.98[660]	281	247	466	486	7.17[3.25]
	251SL017EE00	17	38.14[969]	92.50[2350]	25.98[660]	281	247	466	486	7.79[3.53]
	251SS018SJ00	18	35.59[904]	80.70[2050]	26.77[680]	286	251	474	495	7.46[3.39]
	251SS018YJ00	18	36.49[927]	80.70[2050]	26.77[680]	286	251	474	495	7.06[3.20]
	251SS018EJ00	18	36.85[936]	80.70[2050]	26.77[680]	286	251	474	495	6.56[2.98]
	251SS018EE00	18	38.66[982]	80.70[2050]	26.77[680]	286	251	474	495	7.18[3.26]
	251SE022CT00	22	36.49[927]	111.02[2820]	26.77[680]	288	253	477	499	8.50[3.86]
	251SS019SJ00	19	36.77[934]	83.84[2130]	27.95[710]	297	261	491	514	7.50[3.40]
	251SS019YJ00	19	37.67[957]	83.84[2130]	27.95[710]	297	261	491	514	7.10[3.22]
	251SS019EJ00	19	38.03[966]	83.84[2130]	27.95[710]	297	261	491	514	6.60[2.99]
	251SS019EE00	19	39.84[1012]	83.84[2130]	27.95[710]	297	261	491	514	7.22[3.28]
	251SS022SJ00	22	39.92[1014]	96.84[2460]	31.10[790]	328	288	539	566	8.32[3.77]
	251SS022YJ00	22	40.82[1037]	96.84[2460]	31.10[790]	328	288	539	566	7.91[3.59]
	251SS022EJ00	22	41.18[1046]	96.84[2460]	31.10[790]	328	288	539	566	7.42[3.37]
	251SS022CE00	22	42.04[1068]	96.84[2460]	31.10[790]	328	288	539	566	8.00[3.63]
	251SS022EE00	22	42.99[1092]	96.84[2460]	31.10[790]	328	288	539	566	8.04[3.65]
	251SL020SJ00	20	40.03[1017]	109.04[2770]	31.10[790]	329	289	541	568	8.92[4.05]
	251SL020YJ00	20	40.94[1040]	109.04[2770]	31.10[790]	329	289	541	568	8.52[3.87]
	251SL020EJ00	20	41.29[1049]	109.04[2770]	31.10[790]	329	289	541	568	8.02[3.64]
	251SL020EE00	20	43.11[1095]	109.04[2770]	31.10[790]	329	289	541	568	8.64[3.92]
	251SE026SJ00	26	39.92[1014]	130.30[3310]	31.10[790]	328	288	539	566	10.33[4.69]
	251SE026YJ00	26	40.82[1037]	130.30[3310]	31.10[790]	328	288	539	566	9.93[4.51]
	251SE026EJ00	26	41.18[1046]	130.30[3310]	31.10[790]	328	288	539	566	9.43[4.28]
	251SE026EE00	26	42.99[1092]	130.30[3310]	31.10[790]	328	288	539	566	10.05[4.56]
	251SS023SJ00	23	41.49[1054]	100.38[2550]	32.67[830]	343	302	563	592	8.36[3.79]
	251SS023YJ00	23	42.40[1077]	100.38[2550]	32.67[830]	343	302	563	592	7.96[3.61]
	251SS023EJ00	23	42.75[1086]	100.38[2550]	32.67[830]	343	302	563	592	7.46[3.38]
	251SS023EE00	23	44.56[1132]	100.38[2550]	32.67[830]	343	302	563	592	8.08[3.67]
	251SL021SJ00	21	41.29[1049]	113.76[2890]	32.28[820]	341	300	560	589	9.30[4.22]
	251SL021YJ00	21	42.20[1072]	113.76[2890]	32.28[820]	341	300	560	589	8.91[4.04]
	251SL021EJ00	21	42.55[1081]	113.76[2890]	32.28[820]	341	300	560	589	8.41[3.81]
	251SL021EE00	21	44.37[1127]	113.76[2890]	32.28[820]	341	300	560	589	9.03[4.10]
	251SE027SJ00	27	41.14[1045]	134.24[3410]	32.28[820]	339	299	558	587	10.37[4.71]
	251SE027YJ00	27	42.04[1068]	134.24[3410]	32.28[820]	339	299	558	587	9.97[4.52]

ANSI 25Kips

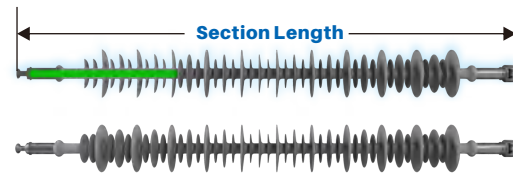
Composite Suspension Insulators Technical Data



Voltage Class [kV]	Catalogue No.	No. of Sheds	Section Length inch[mm]	Leakage Distance inch[mm]	Arcing Distance inch[mm]	Low Frequency Flashover [50Hz]		Critical Impulse Flashover		Approx. Weight lbs.[kg]
						Dry kV	Wet kV	Positive kV	Negative kV	
69	251SE027EJ00	27	42.40[1077]	134.24[3410]	32.28[820]	339	299	558	587	9.47[4.30]
	251SE027EE00	27	44.21[1123]	134.24[3410]	32.28[820]	339	299	558	587	10.09[4.58]
69/115	251SS025SJ00	25	43.46[1104]	107.48[2730]	34.64[880]	362	318	593	625	8.77[3.98]
	251SS025YJ00	25	44.37[1127]	107.48[2730]	34.64[880]	362	318	593	625	8.38[3.80]
	251SS025EJ00	25	44.72[1136]	107.48[2730]	34.64[880]	362	318	593	625	7.87[3.57]
	251SS025EE00	25	46.53[1182]	107.48[2730]	34.64[880]	362	318	593	625	8.50[3.85]
	251SL023SJ00	23	43.42[1103]	123.62[3140]	34.64[880]	362	318	593	624	9.72[4.41]
	251SL023YJ00	23	44.33[1126]	123.62[3140]	34.64[880]	362	318	593	624	9.32[4.23]
	251SL023EJ00	23	44.68[1135]	123.62[3140]	34.64[880]	362	318	593	624	8.82[4.00]
	251SL023EE00	23	46.49[1181]	123.62[3140]	34.64[880]	362	318	593	624	9.44[4.28]
	251SE029SJ00	29	43.18[1097]	143.30[3640]	34.25[870]	359	316	589	621	10.89[4.94]
	251SE029YJ00	29	44.09[1120]	143.30[3640]	34.25[870]	359	316	589	621	10.49[4.76]
	251SE029EJ00	29	44.44[1129]	143.30[3640]	34.25[870]	359	316	589	621	9.99[4.53]
	251SE029EE00	29	46.25[1175]	143.30[3640]	34.25[870]	359	316	589	621	10.61[4.82]
	251SS027SJ00	27	45.82[1164]	116.14[2950]	37.00[940]	385	339	629	664	9.20[4.18]
	251SS027YJ00	27	46.73[1187]	116.14[2950]	37.00[940]	385	339	629	664	8.80[3.99]
	251SS027EJ00	27	47.08[1196]	116.14[2950]	37.00[940]	385	339	629	664	8.30[3.77]
	251SS027EE00	27	48.89[1242]	116.14[2950]	37.00[940]	385	339	629	664	8.92[4.05]
	251SS028SJ00	28	47.00[1194]	120.46[3060]	38.18[970]	396	349	647	684	9.59[4.35]
	251SS028YJ00	28	47.91[1217]	120.46[3060]	38.18[970]	396	349	647	684	9.20[4.17]
	251SS028EJ00	28	48.26[1226]	120.46[3060]	38.18[970]	396	349	647	684	8.69[3.94]
	251SS028EE00	28	50.07[1272]	120.46[3060]	38.18[970]	396	349	647	684	9.32[4.23]
	251SL026SJ00	26	47.00[1194]	138.58[3520]	38.18[970]	396	349	647	684	10.52[4.77]
	251SL026YJ00	26	47.91[1217]	138.58[3520]	38.18[970]	396	349	647	684	10.13[4.59]
	251SL026EJ00	26	48.26[1226]	138.58[3520]	38.18[970]	396	349	647	684	9.62[4.37]
	251SL026EE00	26	50.07[1272]	138.58[3520]	38.18[970]	396	349	647	684	10.25[4.65]
	251SE032SJ00	32	47.04[1195]	159.44[4050]	38.18[970]	397	349	648	684	11.92[5.41]
	251SE032YJ00	32	47.95[1218]	159.44[4050]	38.18[970]	397	349	648	684	11.53[5.23]
	251SE032EJ00	32	48.30[1227]	159.44[4050]	38.18[970]	397	349	648	684	11.02[5.00]
	251SE032EE00	32	50.11[1273]	159.44[4050]	38.18[970]	397	349	648	684	11.65[5.28]
115	251SS029SJ00	29	48.18[1224]	123.62[3140]	39.37[1000]	408	359	665	703	9.63[4.37]
	251SS029YJ00	29	49.09[1247]	123.62[3140]	39.37[1000]	408	359	665	703	9.23[4.19]
	251SS029EJ00	29	49.44[1256]	123.62[3140]	39.37[1000]	408	359	665	703	8.73[3.96]
	251SS029EE00	29	51.25[1302]	123.62[3140]	39.37[1000]	408	359	665	703	9.35[4.24]
	251SC038SJ00	38	48.89[1242]	124.40[3160]	40.15[1020]	415	365	676	715	8.87[4.02]
	251SC038YJ00	38	49.80[1265]	124.40[3160]	40.15[1020]	415	365	676	715	8.47[3.84]
	251SC038EJ00	38	50.15[1274]	124.40[3160]	40.15[1020]	415	365	676	715	7.97[3.62]
	251SC038EE00	38	51.96[1320]	124.40[3160]	40.15[1020]	415	365	676	715	8.59[3.90]
115/138	251SS031SJ00	31	50.94[1294]	132.66[3370]	42.12[1070]	435	382	707	749	10.07[4.57]
	251SS031YJ00	31	51.85[1317]	132.66[3370]	42.12[1070]	435	382	707	749	9.67[4.39]
	251SS031EJ00	31	52.20[1326]	132.66[3370]	42.12[1070]	435	382	707	749	9.17[4.16]
	251SS031EE00	31	54.01[1372]	132.66[3370]	42.12[1070]	435	382	707	749	9.79[4.44]
	251SS032SJ00	32	51.73[1314]	136.60[3470]	42.91[1090]	442	389	719	762	10.45[4.74]
	251SS032YJ00	32	52.63[1337]	136.60[3470]	42.91[1090]	442	389	719	762	10.05[4.56]

ANSI 25Kips

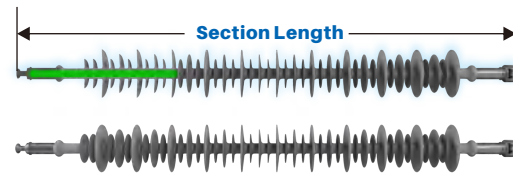
Composite Suspension Insulators Technical Data



Voltage Class [kV]	Catalogue No.	No. of Sheds	Section Length inch[mm]	Leakage Distance inch[mm]	Arcing Distance inch[mm]	Low Frequency Flashover [50Hz]		Critical Impulse Flashover		Approx. Weight lbs.[kg]
						Dry kV	Wet kV	Positive kV	Negative kV	
115/138	251SS032EJ00	32	52.99[1346]	136.60[3470]	42.91[1090]	442	389	719	762	9.55[4.33]
	251SS032EE00	32	54.80[1392]	136.60[3470]	42.91[1090]	442	389	719	762	10.17[4.62]
	251SL030SJ00	30	51.65[1312]	158.26[4020]	42.91[1090]	441	388	718	761	11.71[5.31]
	251SL030YJ00	30	52.55[1335]	158.26[4020]	42.91[1090]	441	388	718	761	11.31[5.13]
	251SL030EJ00	30	52.91[1344]	158.26[4020]	42.91[1090]	441	388	718	761	10.81[4.90]
	251SL030EE00	30	54.72[1390]	158.26[4020]	42.91[1090]	441	388	718	761	11.43[5.19]
	251SE037SJ00	37	51.37[1305]	181.48[4610]	42.51[1080]	439	386	714	756	12.97[5.89]
	251SE037YJ00	37	52.28[1328]	181.48[4610]	42.51[1080]	439	386	714	756	12.57[5.71]
	251SE037EJ00	37	52.63[1337]	181.48[4610]	42.51[1080]	439	386	714	756	12.07[5.48]
	251SE037EE00	37	54.44[1383]	181.48[4610]	42.51[1080]	439	386	714	756	12.69[5.76]
	251SS033SJ00	33	53.30[1354]	140.14[3560]	44.48[1130]	457	402	743	788	10.50[4.76]
	251SS033YJ00	33	54.21[1377]	140.14[3560]	44.48[1130]	457	402	743	788	10.10[4.58]
	251SS033EJ00	33	54.56[1386]	140.14[3560]	44.48[1130]	457	402	743	788	9.60[4.36]
	251SS033EE00	33	56.37[1432]	140.14[3560]	44.48[1130]	457	402	743	788	10.22[4.64]
	251SL032SJ00	32	53.18[1351]	167.70[4260]	44.09[1120]	456	401	741	786	12.10[5.49]
	251SL032YJ00	32	54.09[1374]	167.70[4260]	44.09[1120]	456	401	741	786	11.71[5.31]
	251SL032EJ00	32	54.44[1383]	167.70[4260]	44.09[1120]	456	401	741	786	11.20[5.08]
	251SL032EE00	32	56.25[1429]	167.70[4260]	44.09[1120]	456	401	741	786	11.83[5.37]
	251SE038SJ00	38	53.18[1351]	188.58[4790]	44.09[1120]	456	401	741	786	13.49[6.12]
	251SE038YJ00	38	54.09[1374]	188.58[4790]	44.09[1120]	456	401	741	786	13.09[5.94]
	251SE038EJ00	38	54.44[1383]	188.58[4790]	44.09[1120]	456	401	741	786	12.59[5.72]
	251SE038EE00	38	56.25[1429]	188.58[4790]	44.09[1120]	456	401	741	786	13.22[6.00]
	251SS034SJ00	34	53.70[1364]	145.26[3690]	44.88[1140]	461	406	749	795	10.87[4.93]
	251SS034YJ00	34	54.60[1387]	145.26[3690]	44.88[1140]	461	406	749	795	10.47[4.75]
	251SS034EJ00	34	54.96[1396]	145.26[3690]	44.88[1140]	461	406	749	795	9.97[4.52]
	251SS034EE00	34	56.77[1442]	145.26[3690]	44.88[1140]	461	406	749	795	10.59[4.80]
138	251SS036SJ00	36	56.45[1434]	153.14[3890]	47.63[1210]	488	429	791	840	11.31[5.13]
	251SS036YJ00	36	57.36[1457]	153.14[3890]	47.63[1210]	488	429	791	840	10.91[4.95]
	251SS036EJ00	36	57.71[1466]	153.14[3890]	47.63[1210]	488	429	791	840	10.41[4.72]
	251SS036EE00	36	59.52[1512]	153.14[3890]	47.63[1210]	488	429	791	840	11.03[5.01]
	251SL033SJ00	33	56.41[1433]	174.40[4430]	47.63[1210]	488	429	790	840	12.55[5.70]
	251SL033YJ00	33	57.32[1456]	174.40[4430]	47.63[1210]	488	429	790	840	12.15[5.52]
	251SL033EJ00	33	57.67[1465]	174.40[4430]	47.63[1210]	488	429	790	840	11.65[5.29]
	251SL033EE00	33	59.48[1511]	174.40[4430]	47.63[1210]	488	429	790	840	12.27[5.57]
	251SC046SJ00	46	56.45[1434]	149.20[3790]	47.63[1210]	488	429	791	840	9.99[4.53]
	251SC046YJ00	46	57.36[1457]	149.20[3790]	47.63[1210]	488	429	791	840	9.59[4.35]
	251SC046EJ00	46	57.71[1466]	149.20[3790]	47.63[1210]	488	429	791	840	9.09[4.12]
	251SC046EE00	46	59.52[1512]	149.20[3790]	47.63[1210]	488	429	791	840	9.71[4.40]
	251SC048SJ00	48	58.34[1482]	154.72[3930]	49.60[1260]	506	445	820	872	10.26[4.66]
	251SC048YJ00	48	59.05[1500]	154.72[3930]	49.60[1260]	506	445	820	872	9.87[4.48]
	251SC048EJ00	48	59.60[1514]	154.72[3930]	49.60[1260]	506	445	820	872	9.37[4.25]
	251SC048EE00	48	61.41[1560]	154.72[3930]	49.60[1260]	506	445	820	872	9.99[4.53]
	251SS038SJ00	38	58.81[1494]	161.80[4110]	50.00[1270]	511	449	827	879	11.74[5.33]
	251SS038YJ00	38	59.72[1517]	161.80[4110]	50.00[1270]	511	449	827	879	11.34[5.15]

ANSI 25Kips

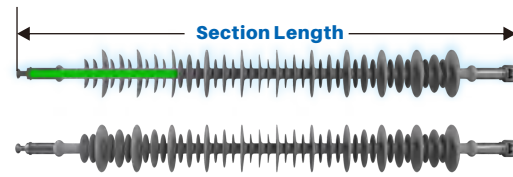
Composite Suspension Insulators Technical Data



Voltage Class [kV]	Catalogue No.	No. of Sheds	Section Length inch[mm]	Leakage Distance inch[mm]	Arcing Distance inch[mm]	Low Frequency Flashover [50Hz]		Critical Impulse Flashover		Approx. Weight lbs.[kg]
						Dry kV	Wet kV	Positive kV	Negative kV	
138	251SS038EJ00	38	60.07[1526]	161.80[4110]	50.00[1270]	511	449	827	879	10.84[4.92]
	251SS038EE00	38	61.88[1572]	161.80[4110]	50.00[1270]	511	449	827	879	11.46[5.20]
	251SL035SJ00	35	58.93[1497]	185.02[4700]	50.00[1270]	512	450	829	881	12.98[5.89]
	251SL035YJ00	35	59.84[1520]	185.02[4700]	50.00[1270]	512	450	829	881	12.58[5.71]
	251SL035EJ00	35	60.19[1529]	185.02[4700]	50.00[1270]	512	450	829	881	12.08[5.48]
	251SL035EE00	35	62.00[1575]	185.02[4700]	50.00[1270]	512	450	829	881	12.70[5.76]
	251SE044SJ00	44	58.54[1487]	215.74[5480]	49.60[1260]	508	447	823	875	15.02[6.82]
	251SE044YJ00	44	59.44[1510]	215.74[5480]	49.60[1260]	508	447	823	875	14.62[6.63]
	251SE044EJ00	44	59.80[1519]	215.74[5480]	49.60[1260]	508	447	823	875	14.12[6.41]
	251SE044EE00	44	61.61[1565]	215.74[5480]	49.60[1260]	508	447	823	875	14.74[6.69]
	251SS039SJ00	39	60.00[1524]	164.96[4190]	51.18[1300]	522	459	845	899	11.77[5.34]
	251SS039YJ00	39	60.90[1547]	164.96[4190]	51.18[1300]	522	459	845	899	11.38[5.16]
	251SS039EJ00	39	61.25[1556]	164.96[4190]	51.18[1300]	522	459	845	899	10.88[4.93]
	251SS039EE00	39	63.07[1602]	164.96[4190]	51.18[1300]	522	459	845	899	11.50[5.22]
	251SS042SJ00	42	63.54[1614]	178.34[4530]	54.72[1390]	557	490	899	958	12.59[5.72]
	251SS042YJ00	42	64.44[1637]	178.34[4530]	54.72[1390]	557	490	899	958	12.20[5.53]
	251SS042EJ00	42	64.80[1646]	178.34[4530]	54.72[1390]	557	490	899	958	11.70[5.31]
	251SS042EE00	42	66.61[1692]	178.34[4530]	54.72[1390]	557	490	899	958	12.32[5.59]
	251SL039SJ00	39	63.58[1615]	204.32[5190]	54.72[1390]	557	490	899	958	14.16[6.43]
	251SL039YJ00	39	64.48[1638]	204.32[5190]	54.72[1390]	557	490	899	958	13.77[6.25]
	251SL039EJ00	39	64.84[1647]	204.32[5190]	54.72[1390]	557	490	899	958	13.26[6.02]
	251SL039EE00	39	66.65[1693]	204.32[5190]	54.72[1390]	557	490	899	958	13.89[6.30]
	251SE048SJ00	48	63.42[1611]	235.82[5990]	54.33[1380]	556	489	897	956	16.08[7.30]
	251SE048YJ00	48	64.33[1634]	235.82[5990]	54.33[1380]	556	489	897	956	15.69[7.12]
	251SE048EJ00	48	64.68[1643]	235.82[5990]	54.33[1380]	556	489	897	956	15.18[6.89]
	251SE048EE00	48	66.49[1689]	235.82[5990]	54.33[1380]	556	489	897	956	15.81[7.17]
161	251SS042SJ01	42	63.54[1614]	178.34[4530]	53.54[1360]	547	481	884	941	13.59[6.17]
	251SS042YJ01	42	64.44[1637]	178.34[4530]	53.54[1360]	547	481	884	941	13.19[5.98]
	251SS042EJ01	42	64.80[1646]	178.34[4530]	53.54[1360]	547	481	884	941	12.69[5.76]
	251SS042EE01	42	66.61[1692]	178.34[4530]	53.54[1360]	547	481	884	941	13.31[6.04]
	251SL039SJ01	39	63.58[1615]	204.32[5190]	53.54[1360]	548	482	884	942	15.15[6.88]
	251SL039YJ01	39	64.48[1638]	204.32[5190]	53.54[1360]	548	482	884	942	14.76[6.70]
	251SL039EJ01	39	64.84[1647]	204.32[5190]	53.54[1360]	548	482	884	942	14.26[6.47]
	251SL039EE01	39	66.65[1693]	204.32[5190]	53.54[1360]	548	482	884	942	14.88[6.75]
	251SE048SJ01	48	63.42[1611]	235.82[5990]	53.54[1360]	546	480	882	939	17.07[7.75]
	251SE048YJ01	48	64.33[1634]	235.82[5990]	53.54[1360]	546	480	882	939	16.68[7.57]
	251SE048EJ01	48	64.68[1643]	235.82[5990]	53.54[1360]	546	480	882	939	16.18[7.34]
	251SE048EE01	48	66.49[1689]	235.82[5990]	53.54[1360]	546	480	882	939	16.80[7.62]
	251SS043SJ01	43	65.11[1654]	181.88[4620]	55.11[1400]	562	495	908	967	13.64[6.19]
	251SS043YJ01	43	66.02[1677]	181.88[4620]	55.11[1400]	562	495	908	967	13.24[6.01]
	251SS043EJ01	43	66.37[1686]	181.88[4620]	55.11[1400]	562	495	908	967	12.74[5.78]
	251SS043EE01	43	68.18[1732]	181.88[4620]	55.11[1400]	562	495	908	967	13.36[6.06]
	251SL041SJ01	41	65.11[1654]	213.76[5430]	55.11[1400]	562	495	908	967	15.55[7.06]
	251SL041YJ01	41	66.02[1677]	213.76[5430]	55.11[1400]	562	495	908	967	15.15[6.88]

ANSI 25Kips

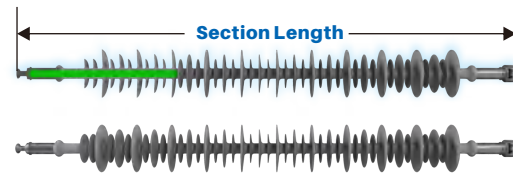
Composite Suspension Insulators Technical Data



Voltage Class [kV]	Catalogue No.	No. of Sheds	Section Length inch[mm]	Leakage Distance inch[mm]	Arcing Distance inch[mm]	Low Frequency Flashover [50Hz]		Critical Impulse Flashover		Approx. Weight lbs.[kg]
						Dry kV	Wet kV	Positive kV	Negative kV	
161	251SL041EJ01	41	66.37[1686]	213.76[5430]	55.11[1400]	562	495	908	967	14.65[6.65]
	251SL041EE01	41	68.18[1732]	213.76[5430]	55.11[1400]	562	495	908	967	15.27[6.93]
	251SE050SJ01	50	64.68[1643]	244.88[6220]	54.72[1390]	558	491	901	960	17.57[7.97]
	251SE050YJ01	50	65.59[1666]	244.88[6220]	54.72[1390]	558	491	901	960	17.17[7.79]
	251SE050EJ01	50	65.94[1675]	244.88[6220]	54.72[1390]	558	491	901	960	16.67[7.57]
	251SE050EE01	50	67.75[1721]	244.88[6220]	54.72[1390]	558	491	901	960	17.29[7.85]
	251SS045SJ01	45	67.08[1704]	188.96[4800]	57.08[1450]	582	512	938	1000	14.05[6.38]
	251SS045YJ01	45	67.99[1727]	188.96[4800]	57.08[1450]	582	512	938	1000	13.65[6.20]
	251SS045EJ01	45	68.34[1736]	188.96[4800]	57.08[1450]	582	512	938	1000	13.15[5.97]
	251SS045EE01	45	70.15[1782]	188.96[4800]	57.08[1450]	582	512	938	1000	13.77[6.25]
	251SS046SJ01	46	68.26[1734]	194.48[4940]	58.26[1480]	593	522	956	1020	14.44[6.55]
	251SS046YJ01	46	69.17[1757]	194.48[4940]	58.26[1480]	593	522	956	1020	14.05[6.37]
	251SS046EJ01	46	69.52[1766]	194.48[4940]	58.26[1480]	593	522	956	1020	13.54[6.15]
	251SS046EE01	46	71.33[1812]	194.48[4940]	58.26[1480]	593	522	956	1020	14.17[6.43]
	251SS047SJ01	47	69.44[1764]	197.62[5020]	59.44[1510]	604	532	974	1039	14.48[6.57]
	251SS047YJ01	47	70.35[1787]	197.62[5020]	59.44[1510]	604	532	974	1039	14.08[6.39]
	251SS047EJ01	47	70.70[1796]	197.62[5020]	59.44[1510]	604	532	974	1039	13.58[6.16]
	251SS047EE01	47	72.51[1842]	197.62[5020]	59.44[1510]	604	532	974	1039	14.20[6.45]
	251SL044SJ01	44	69.48[1765]	229.52[5830]	59.44[1510]	605	532	974	1040	16.38[7.43]
	251SL044YJ01	44	70.39[1788]	229.52[5830]	59.44[1510]	605	532	974	1040	15.98[7.25]
	251SL044EJ01	44	70.74[1797]	229.52[5830]	59.44[1510]	605	532	974	1040	15.48[7.03]
	251SL044EE01	44	72.55[1843]	229.52[5830]	59.44[1510]	605	532	974	1040	16.10[7.31]
	251SE054SJ01	54	69.56[1767]	264.96[6730]	59.84[1520]	606	533	975	1041	18.63[8.46]
	251SE054YJ01	54	70.47[1790]	264.96[6730]	59.84[1520]	606	533	975	1041	18.24[8.28]
	251SE054EJ01	54	70.82[1799]	264.96[6730]	59.84[1520]	606	533	975	1041	17.74[8.05]
	251SE054EE01	54	72.63[1845]	264.96[6730]	59.84[1520]	606	533	975	1041	18.36[8.33]
	251SS048SJ01	48	71.02[1804]	202.36[5140]	61.02[1550]	620	545	998	1065	14.88[6.75]
	251SS048YJ01	48	71.92[1827]	202.36[5140]	61.02[1550]	620	545	998	1065	14.49[6.57]
	251SS048EJ01	48	72.28[1836]	202.36[5140]	61.02[1550]	620	545	998	1065	13.99[6.35]
	251SS048EE01	48	74.09[1882]	202.36[5140]	61.02[1550]	620	545	998	1065	14.61[6.63]
	251SS050SJ01	50	72.59[1844]	210.22[5340]	62.59[1590]	635	559	1022	1091	15.64[7.10]
	251SS050YJ01	50	73.50[1867]	210.22[5340]	62.59[1590]	635	559	1022	1091	15.24[6.92]
	251SS050EJ01	50	73.85[1876]	210.22[5340]	62.59[1590]	635	559	1022	1091	14.74[6.69]
	251SS050EE01	50	75.66[1922]	210.22[5340]	62.59[1590]	635	559	1022	1091	15.36[6.97]
	251SL047SJ01	47	72.67[1846]	244.48[6210]	62.59[1590]	636	559	1023	1093	17.17[7.79]
	251SL047YJ01	47	73.58[1869]	244.48[6210]	62.59[1590]	636	559	1023	1093	16.78[7.61]
	251SL047EJ01	47	73.93[1878]	244.48[6210]	62.59[1590]	636	559	1023	1093	16.27[7.39]
	251SL047EE01	47	75.74[1924]	244.48[6210]	62.59[1590]	636	559	1023	1093	16.90[7.67]
	251SE057SJ01	57	72.63[1845]	277.94[7060]	62.59[1590]	635	559	1022	1092	19.19[8.71]
	251SE057YJ01	57	73.54[1868]	277.94[7060]	62.59[1590]	635	559	1022	1092	18.79[8.53]
	251SE057EJ01	57	73.89[1877]	277.94[7060]	62.59[1590]	635	559	1022	1092	18.29[8.30]
	251SE057EE01	57	75.70[1923]	277.94[7060]	62.59[1590]	635	559	1022	1092	18.91[8.58]
	251SS052SJ01	52	75.35[1914]	218.10[5540]	65.35[1660]	662	582	1064	1137	15.73[7.14]
	251SS052YJ01	52	76.25[1937]	218.10[5540]	65.35[1660]	662	582	1064	1137	15.33[6.96]

ANSI 25Kips

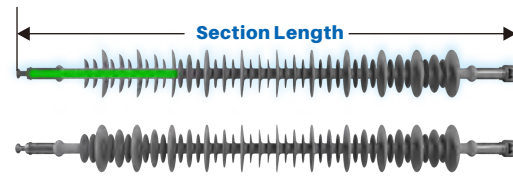
Composite Suspension Insulators Technical Data



Voltage Class [kV]	Catalogue No.	No. of Sheds	Section Length inch[mm]	Leakage Distance inch[mm]	Arcing Distance inch[mm]	Low Frequency Flashover [50Hz]		Critical Impulse Flashover		Approx. Weight lbs.[kg]
						Dry kV	Wet kV	Positive kV	Negative kV	
161	251SS052EJ01	52	76.61[1946]	218.10[5540]	65.35[1660]	662	582	1064	1137	14.83[6.73]
	251SS052EE01	52	78.42[1992]	218.10[5540]	65.35[1660]	662	582	1064	1137	15.45[7.01]
	251SL048SJ01	48	75.31[1913]	250.38[6360]	65.35[1660]	661	582	1063	1136	17.60[7.99]
	251SL048YJ01	48	76.22[1936]	250.38[6360]	65.35[1660]	661	582	1063	1136	17.21[7.81]
	251SL048EJ01	48	76.57[1945]	250.38[6360]	65.35[1660]	661	582	1063	1136	16.70[7.58]
	251SL048EE01	48	78.38[1991]	250.38[6360]	65.35[1660]	661	582	1063	1136	17.32[7.86]
	251SE060SJ01	60	74.92[1903]	292.12[7420]	64.96[1650]	658	578	1057	1130	20.17[9.15]
	251SE060YJ01	60	75.82[1926]	292.12[7420]	64.96[1650]	658	578	1057	1130	19.77[8.97]
	251SE060EJ01	60	76.18[1935]	292.12[7420]	64.96[1650]	658	578	1057	1130	19.27[8.75]
	251SE060EE01	60	77.99[1981]	292.12[7420]	64.96[1650]	658	578	1057	1130	19.89[9.03]
	251SS056SJ01	56	80.07[2034]	234.64[5960]	70.07[1780]	708	622	1135	1215	16.59[7.53]
	251SS056YJ01	56	80.98[2057]	234.64[5960]	70.07[1780]	708	622	1135	1215	16.19[7.35]
	251SS056EJ01	56	81.33[2066]	234.64[5960]	70.07[1780]	708	622	1135	1215	15.69[7.12]
	251SS056EE01	56	83.14[2112]	234.64[5960]	70.07[1780]	708	622	1135	1215	16.31[7.40]
	251SL053SJ01	53	80.23[2038]	274.80[6980]	70.47[1790]	709	624	1138	1218	18.80[8.53]
	251SL053YJ01	53	81.14[2061]	274.80[6980]	70.47[1790]	709	624	1138	1218	18.40[8.35]
	251SL053EJ01	53	81.49[2070]	274.80[6980]	70.47[1790]	709	624	1138	1218	17.90[8.12]
	251SL053EE01	53	83.30[2116]	274.80[6980]	70.47[1790]	709	624	1138	1218	18.52[8.40]
	251SE065SJ01	65	80.03[2033]	315.34[8010]	70.07[1780]	707	622	1135	1214	21.24[9.64]
	251SE065YJ01	65	80.94[2056]	315.34[8010]	70.07[1780]	707	622	1135	1214	20.84[9.46]
	251SE065EJ01	65	81.29[2065]	315.34[8010]	70.07[1780]	707	622	1135	1214	20.34[9.23]
	251SE065EE01	65	83.11[2111]	315.34[8010]	70.07[1780]	707	622	1135	1214	20.96[9.52]
230	251SS056SJ02	56	80.07[2034]	234.64[5960]	70.07[1780]	706	621	1132	1212	17.14[7.78]
	251SS056YJ02	56	80.98[2057]	234.64[5960]	70.07[1780]	706	621	1132	1212	16.74[7.60]
	251SS056EJ02	56	81.33[2066]	234.64[5960]	70.07[1780]	706	621	1132	1212	16.24[7.37]
	251SS056EE02	56	83.14[2112]	234.64[5960]	70.07[1780]	706	621	1132	1212	16.86[7.65]
	251SL053SJ02	53	80.23[2038]	274.80[6980]	70.07[1780]	707	622	1135	1214	19.35[8.78]
	251SL053YJ02	53	81.14[2061]	274.80[6980]	70.07[1780]	707	622	1135	1214	18.95[8.60]
	251SL053EJ02	53	81.49[2070]	274.80[6980]	70.07[1780]	707	622	1135	1214	18.45[8.37]
	251SL053EE02	53	83.30[2116]	274.80[6980]	70.07[1780]	707	622	1135	1214	19.07[8.65]
	251SE065SJ02	65	80.03[2033]	315.34[8010]	70.07[1780]	705	620	1132	1211	21.79[9.89]
	251SE065YJ02	65	80.94[2056]	315.34[8010]	70.07[1780]	705	620	1132	1211	21.40[9.71]
	251SE065EJ02	65	81.29[2065]	315.34[8010]	70.07[1780]	705	620	1132	1211	20.89[9.48]
	251SE065EE02	65	83.11[2111]	315.34[8010]	70.07[1780]	705	620	1132	1211	21.52[9.77]
	251SS059SJ02	59	83.22[2114]	246.06[6250]	73.22[1860]	736	648	1180	1264	17.59[7.98]
	251SS059YJ02	59	84.13[2137]	246.06[6250]	73.22[1860]	736	648	1180	1264	17.19[7.80]
	251SS059EJ02	59	84.48[2146]	246.06[6250]	73.22[1860]	736	648	1180	1264	16.69[7.58]
	251SS059EE02	59	86.29[2192]	246.06[6250]	73.22[1860]	736	648	1180	1264	17.31[7.86]
	251SL056SJ02	56	83.22[2114]	288.96[7340]	73.22[1860]	736	648	1180	1264	20.13[9.14]
	251SL056YJ02	56	84.13[2137]	288.96[7340]	73.22[1860]	736	648	1180	1264	19.74[8.96]
	251SL056EJ02	56	84.48[2146]	288.96[7340]	73.22[1860]	736	648	1180	1264	19.24[8.73]
	251SL056EE02	56	86.29[2192]	288.96[7340]	73.22[1860]	736	648	1180	1264	19.86[9.01]
	251SE068SJ02	68	83.26[2115]	330.30[8390]	72.83[1850]	735	647	1179	1262	22.80[10.35]
	251SE068YJ02	68	84.01[2134]	330.30[8390]	72.83[1850]	735	647	1179	1262	22.40[10.17]

ANSI 25Kips

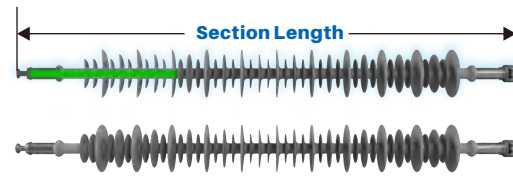
Composite Suspension Insulators Technical Data



Voltage Class [kV]	Catalogue No.	No. of Sheds	Section Length inch[mm]	Leakage Distance inch[mm]	Arcing Distance inch[mm]	Low Frequency Flashover [50Hz]		Critical Impulse Flashover		Approx. Weight lbs.[kg]
						Dry kV	Wet kV	Positive kV	Negative kV	
230	251SE068EJ02	68	84.52[2147]	330.30[8390]	72.83[1850]	735	647	1179	1262	21.90[9.94]
	251SE068EE02	68	86.18[2189]	330.30[8390]	72.83[1850]	735	647	1179	1262	22.52[10.22]
	251SS061SJ02	61	85.98[2184]	253.92[6450]	75.98[1930]	763	671	1222	1310	18.03[8.18]
	251SS061YJ02	61	86.88[2207]	253.92[6450]	75.98[1930]	763	671	1222	1310	17.63[8.00]
	251SS061EJ02	61	87.24[2216]	253.92[6450]	75.98[1930]	763	671	1222	1310	17.13[7.78]
	251SS061EE02	61	89.05[2262]	253.92[6450]	75.98[1930]	763	671	1222	1310	17.75[8.06]
	251SL057SJ02	57	85.86[2181]	295.26[7500]	75.59[1920]	762	670	1220	1308	20.56[9.33]
	251SL057YJ02	57	86.77[2204]	295.26[7500]	75.59[1920]	762	670	1220	1308	20.17[9.15]
	251SL057EJ02	57	87.12[2213]	295.26[7500]	75.59[1920]	762	670	1220	1308	19.67[8.93]
	251SL057EE02	57	88.93[2259]	295.26[7500]	75.59[1920]	762	670	1220	1308	20.29[9.21]
	251SE071SJ02	71	85.98[2184]	344.08[8740]	75.98[1930]	763	671	1222	1310	23.35[10.60]
	251SE071YJ02	71	86.88[2207]	344.08[8740]	75.98[1930]	763	671	1222	1310	22.95[10.42]
	251SE071EJ02	71	87.24[2216]	344.08[8740]	75.98[1930]	763	671	1222	1310	22.45[10.19]
	251SE071EE02	71	89.05[2262]	344.08[8740]	75.98[1930]	763	671	1222	1310	23.07[10.47]
	251SS066SJ02	66	91.88[2334]	275.98[7010]	81.88[2080]	820	722	1312	1407	19.28[8.75]
	251SS066YJ02	66	92.79[2357]	275.98[7010]	81.88[2080]	820	722	1312	1407	18.88[8.57]
	251SS066EJ02	66	93.14[2366]	275.98[7010]	81.88[2080]	820	722	1312	1407	18.38[8.34]
	251SS066EE02	66	94.96[2412]	275.98[7010]	81.88[2080]	820	722	1312	1407	19.00[8.62]
	251SL062SJ02	62	91.77[2331]	320.46[8140]	81.49[2070]	819	721	1310	1406	21.79[9.89]
	251SL062YJ02	62	92.67[2354]	320.46[8140]	81.49[2070]	819	721	1310	1406	21.39[9.71]
	251SL062EJ02	62	93.03[2363]	320.46[8140]	81.49[2070]	819	721	1310	1406	20.89[9.48]
	251SL062EE02	62	94.84[2409]	320.46[8140]	81.49[2070]	819	721	1310	1406	21.51[9.76]
	251SE077SJ02	77	92.12[2340]	372.44[9460]	81.88[2080]	823	724	1316	1411	24.91[11.30]
	251SE077YJ02	77	93.03[2363]	372.44[9460]	81.88[2080]	823	724	1316	1411	24.51[11.12]
	251SE077EJ02	77	93.38[2372]	372.44[9460]	81.88[2080]	823	724	1316	1411	24.01[10.90]
	251SE077EE02	77	95.19[2418]	372.44[9460]	81.88[2080]	823	724	1316	1411	24.63[11.18]
	251SC084SJ02	84	92.36[2346]	266.92[6780]	82.28[2090]	825	726	1319	1415	16.83[7.64]
	251SC084YJ02	84	93.26[2369]	266.92[6780]	82.28[2090]	825	726	1319	1415	16.44[7.46]
	251SC084EJ02	84	93.62[2378]	266.92[6780]	82.28[2090]	825	726	1319	1415	15.94[7.23]
	251SC084EE02	84	95.43[2424]	266.92[6780]	82.28[2090]	825	726	1319	1415	16.56[7.51]
	251SC089SJ02	89	97.08[2466]	281.10[7140]	87.00[2210]	871	766	1391	1494	17.42[7.91]
	251SC089YJ02	89	97.99[2489]	281.10[7140]	87.00[2210]	871	766	1391	1494	17.03[7.73]
	251SC089EJ02	89	98.34[2498]	281.10[7140]	87.00[2210]	871	766	1391	1494	16.52[7.50]
	251SC089EE02	89	100.15[2544]	281.10[7140]	87.00[2210]	871	766	1391	1494	17.15[7.78]
	251SS071SJ02	71	97.79[2484]	295.26[7500]	87.79[2230]	878	772	1402	1505	20.18[9.16]
	251SS071YJ02	71	98.70[2507]	295.26[7500]	87.79[2230]	878	772	1402	1505	19.78[8.98]
	251SS071EJ02	71	99.05[2516]	295.26[7500]	87.79[2230]	878	772	1402	1505	19.28[8.75]
	251SS071EE02	71	100.86[2562]	295.26[7500]	87.79[2230]	878	772	1402	1505	19.90[9.03]
	251SL066SJ02	66	97.59[2479]	341.32[8670]	87.40[2220]	876	770	1399	1502	23.01[10.44]
	251SL066YJ02	66	98.50[2502]	341.32[8670]	87.40[2220]	876	770	1399	1502	22.61[10.26]
	251SL066EJ02	66	98.85[2511]	341.32[8670]	87.40[2220]	876	770	1399	1502	22.11[10.04]
	251SL066EE02	66	100.66[2557]	341.32[8670]	87.40[2220]	876	770	1399	1502	22.73[10.32]
	251SE082SJ02	82	97.63[2480]	398.02[10110]	87.40[2220]	876	771	1400	1503	26.45[12.00]
	251SE082YJ02	82	98.54[2503]	398.02[10110]	87.40[2220]	876	771	1400	1503	26.05[11.82]

ANSI 25Kips

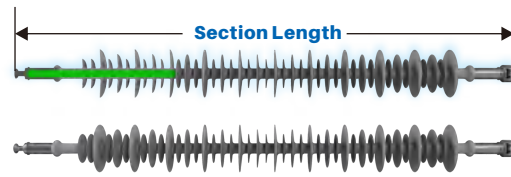
Composite Suspension Insulators Technical Data



Voltage Class [kV]	Catalogue No.	No. of Sheds	Section Length inch[mm]	Leakage Distance inch[mm]	Arcing Distance inch[mm]	Low Frequency Flashover [50Hz]		Critical Impulse Flashover		Approx. Weight lbs.[kg]
						Dry kV	Wet kV	Positive kV	Negative kV	
230	251SE082EJ02	82	98.89[2512]	398.02[10110]	87.40[2220]	876	771	1400	1503	25.55[11.60]
	251SE082EE02	82	100.70[2558]	398.02[10110]	87.40[2220]	876	771	1400	1503	26.17[11.88]
	251SS075SJ02	75	102.51[2604]	311.80[7920]	92.51[2350]	923	812	1474	1584	21.03[9.55]
	251SS075YJ02	75	103.42[2627]	311.80[7920]	92.51[2350]	923	812	1474	1584	20.64[9.37]
	251SS075EJ02	75	103.77[2636]	311.80[7920]	92.51[2350]	923	812	1474	1584	20.13[9.14]
	251SS075EE02	75	105.59[2682]	311.80[7920]	92.51[2350]	923	812	1474	1584	20.76[9.42]
	251SL071SJ02	71	102.32[2599]	365.34[9280]	92.12[2340]	922	811	1471	1580	24.20[10.98]
	251SL071YJ02	71	103.22[2622]	365.34[9280]	92.12[2340]	922	811	1471	1580	23.80[10.80]
	251SL071EJ02	71	103.58[2631]	365.34[9280]	92.12[2340]	922	811	1471	1580	23.30[10.58]
	251SL071EE02	71	105.39[2677]	365.34[9280]	92.12[2340]	922	811	1471	1580	23.92[10.86]
	251SE087SJ02	87	102.36[2600]	420.46[10680]	92.12[2340]	922	811	1471	1581	27.51[12.49]
	251SE087YJ02	87	103.26[2623]	420.46[10680]	92.12[2340]	922	811	1471	1581	27.11[12.30]
	251SE087EJ02	87	103.62[2632]	420.46[10680]	92.12[2340]	922	811	1471	1581	26.61[12.08]
	251SE087EE02	87	105.43[2678]	420.46[10680]	92.12[2340]	922	811	1471	1581	27.23[12.36]
345	251SS078SJ22	78	106.06[2694]	324.80[8250]	94.88[2410]	946	832	1510	1623	23.40[10.62]
	251SS078YJ22	78	106.96[2717]	324.80[8250]	94.88[2410]	946	832	1510	1623	23.00[10.44]
	251SS078EJ22	78	107.32[2726]	324.80[8250]	94.88[2410]	946	832	1510	1623	22.50[10.21]
	251SS078EE22	78	109.13[2772]	324.80[8250]	94.88[2410]	946	832	1510	1623	23.12[10.49]
	251SL074SJ22	74	106.10[2695]	380.30[9660]	94.88[2410]	947	833	1510	1623	26.55[12.05]
	251SL074YJ22	74	107.00[2718]	380.30[9660]	94.88[2410]	947	833	1510	1623	26.16[11.87]
	251SL074EJ22	74	107.36[2727]	380.30[9660]	94.88[2410]	947	833	1510	1623	25.66[11.64]
	251SL074EE22	74	109.17[2773]	380.30[9660]	94.88[2410]	947	833	1510	1623	26.28[11.93]
	251SE090SJ22	90	105.62[2683]	435.82[11070]	94.48[2400]	942	829	1503	1615	30.06[13.65]
	251SE090YJ22	90	106.53[2706]	435.82[11070]	94.48[2400]	942	829	1503	1615	29.66[13.46]
	251SE090EJ22	90	106.88[2715]	435.82[11070]	94.48[2400]	942	829	1503	1615	29.16[13.24]
	251SE090EE22	90	108.70[2761]	435.82[11070]	94.48[2400]	942	829	1503	1615	29.78[13.52]
	251SS083SJ22	83	111.96[2844]	344.48[8750]	100.78[2560]	1004	883	1600	1720	24.29[11.03]
	251SS083YJ22	83	112.87[2867]	344.48[8750]	100.78[2560]	1004	883	1600	1720	23.89[10.84]
	251SS083EJ22	83	113.22[2876]	344.48[8750]	100.78[2560]	1004	883	1600	1720	23.39[10.62]
	251SS083EE22	83	115.03[2922]	344.48[8750]	100.78[2560]	1004	883	1600	1720	24.01[10.90]
	251SL078SJ22	78	111.92[2843]	401.18[10190]	100.78[2560]	1003	882	1599	1720	27.78[12.61]
	251SL078YJ22	78	112.83[2866]	401.18[10190]	100.78[2560]	1003	882	1599	1720	27.38[12.43]
	251SL078EJ22	78	113.18[2875]	401.18[10190]	100.78[2560]	1003	882	1599	1720	26.88[12.20]
	251SL078EE22	78	115.00[2921]	401.18[10190]	100.78[2560]	1003	882	1599	1720	27.50[12.48]
	251SE096SJ22	96	111.77[2839]	464.16[11790]	100.39[2550]	1002	881	1597	1717	31.62[14.35]
	251SE096YJ22	96	112.67[2862]	464.16[11790]	100.39[2550]	1002	881	1597	1717	31.22[14.17]
	251SE096EJ22	96	113.03[2871]	464.16[11790]	100.39[2550]	1002	881	1597	1717	30.72[13.95]
	251SE096EE22	96	114.84[2917]	464.16[11790]	100.39[2550]	1002	881	1597	1717	31.34[14.23]
	251SS084SJ22	84	112.75[2864]	348.42[8850]	101.57[2580]	1011	890	1612	1733	24.67[11.20]
	251SS084YJ22	84	113.66[2887]	348.42[8850]	101.57[2580]	1011	890	1612	1733	24.27[11.02]
	251SS084EJ22	84	114.01[2896]	348.42[8850]	101.57[2580]	1011	890	1612	1733	23.77[10.79]
	251SS084EE22	84	115.82[2942]	348.42[8850]	101.57[2580]	1011	890	1612	1733	24.39[11.07]
	251SS088SJ22	88	117.87[2994]	364.96[9270]	106.69[2710]	1061	933	1689	1818	25.54[11.59]
	251SS088YJ22	88	118.77[3017]	364.96[9270]	106.69[2710]	1061	933	1689	1818	25.14[11.41]

ANSI 25Kips

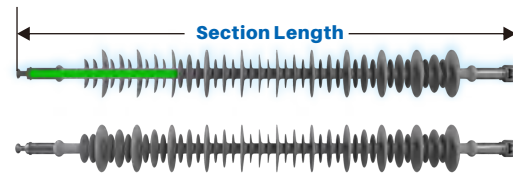
Composite Suspension Insulators Technical Data



Voltage Class [kV]	Catalogue No.	No. of Sheds	Section Length inch[mm]	Leakage Distance inch[mm]	Arcing Distance inch[mm]	Low Frequency Flashover [50Hz]		Critical Impulse Flashover		Approx. Weight lbs.[kg]
						Dry kV	Wet kV	Positive kV	Negative kV	
345	251SS088EJ22	88	119.13[3026]	364.96[9270]	106.69[2710]	1061	933	1689	1818	24.64[11.18]
	251SS088EE22	88	120.94[3072]	364.96[9270]	106.69[2710]	1061	933	1689	1818	25.26[11.47]
	251SL083SJ22	83	118.03[2998]	426.76[10840]	106.69[2710]	1063	935	1692	1821	29.01[13.17]
	251SL083YJ22	83	118.93[3021]	426.76[10840]	106.69[2710]	1063	935	1692	1821	28.61[12.99]
	251SL083EJ22	83	119.29[3030]	426.76[10840]	106.69[2710]	1063	935	1692	1821	28.11[12.76]
	251SL083EE22	83	121.10[3076]	426.76[10840]	106.69[2710]	1063	935	1692	1821	28.73[13.04]
	251SE102SJ22	102	117.71[2990]	492.90[12520]	106.29[2700]	1059	932	1687	1816	33.18[15.06]
	251SE102YJ22	102	118.62[3013]	492.90[12520]	106.29[2700]	1059	932	1687	1816	32.78[14.88]
	251SE102EJ22	102	118.97[3022]	492.90[12520]	106.29[2700]	1059	932	1687	1816	32.28[14.65]
	251SE102EE22	102	120.78[3068]	492.90[12520]	106.29[2700]	1059	932	1687	1816	32.90[14.93]
	251SS097SJ22	97	128.50[3264]	400.78[10180]	117.32[2980]	1164	1024	1851	1994	27.29[12.39]
	251SS097YJ22	97	129.40[3287]	400.78[10180]	117.32[2980]	1164	1024	1851	1994	26.89[12.21]
	251SS097EJ22	97	129.76[3296]	400.78[10180]	117.32[2980]	1164	1024	1851	1994	26.39[11.98]
	251SS097EE22	97	131.57[3342]	400.78[10180]	117.32[2980]	1164	1024	1851	1994	27.01[12.26]
	251SL092SJ22	92	128.58[3266]	471.64[11980]	117.32[2980]	1165	1025	1852	1996	31.42[14.26]
	251SL092YJ22	92	129.48[3289]	471.64[11980]	117.32[2980]	1165	1025	1852	1996	31.02[14.08]
	251SL092EJ22	92	129.84[3298]	471.64[11980]	117.32[2980]	1165	1025	1852	1996	30.52[13.85]
	251SL092EE22	92	131.65[3344]	471.64[11980]	117.32[2980]	1165	1025	1852	1996	31.14[14.14]
	251SE112SJ22	112	128.14[3255]	540.54[13730]	116.92[2970]	1161	1021	1846	1988	35.78[16.24]
	251SE112YJ22	112	129.05[3278]	540.54[13730]	116.92[2970]	1161	1021	1846	1988	35.38[16.06]
	251SE112EJ22	112	129.40[3287]	540.54[13730]	116.92[2970]	1161	1021	1846	1988	34.88[15.83]
	251SE112EE22	112	131.22[3333]	540.54[13730]	116.92[2970]	1161	1021	1846	1988	35.50[16.12]
	251SS099SJ22	99	130.86[3324]	409.44[10400]	119.68[3040]	1187	1044	1887	2033	27.72[12.58]
	251SS099YJ22	99	131.77[3347]	409.44[10400]	119.68[3040]	1187	1044	1887	2033	27.32[12.40]
	251SS099EJ22	99	132.12[3356]	409.44[10400]	119.68[3040]	1187	1044	1887	2033	26.82[12.17]
	251SS099EE22	99	133.93[3402]	409.44[10400]	119.68[3040]	1187	1044	1887	2033	27.44[12.46]
	251SS106SJ22	106	139.13[3534]	438.96[11150]	127.95[3250]	1267	1115	2013	2170	29.40[13.34]
	251SS106YJ22	106	140.03[3557]	438.96[11150]	127.95[3250]	1267	1115	2013	2170	29.00[13.16]
	251SS106EJ22	106	140.39[3566]	438.96[11150]	127.95[3250]	1267	1115	2013	2170	28.50[12.94]
	251SS106EE22	106	142.20[3612]	438.96[11150]	127.95[3250]	1267	1115	2013	2170	29.12[13.22]
	251SL099SJ22	99	139.17[3535]	508.26[12910]	127.95[3250]	1268	1115	2014	2171	33.14[15.04]
	251SL099YJ22	99	140.07[3558]	508.26[12910]	127.95[3250]	1268	1115	2014	2171	32.74[14.86]
	251SL099EJ22	99	140.43[3567]	508.26[12910]	127.95[3250]	1268	1115	2014	2171	32.24[14.63]
	251SL099EE22	99	142.24[3613]	508.26[12910]	127.95[3250]	1268	1115	2014	2171	32.86[14.92]
	251SE122SJ22	122	139.17[3535]	589.36[14970]	127.95[3250]	1268	1115	2014	2171	38.41[17.43]
	251SE122YJ22	122	140.07[3558]	589.36[14970]	127.95[3250]	1268	1115	2014	2171	38.01[17.25]
	251SE122EJ22	122	140.43[3567]	589.36[14970]	127.95[3250]	1268	1115	2014	2171	37.51[17.03]
	251SE122EE22	122	142.24[3613]	589.36[14970]	127.95[3250]	1268	1115	2014	2171	38.13[17.31]

ANSI 30Kips

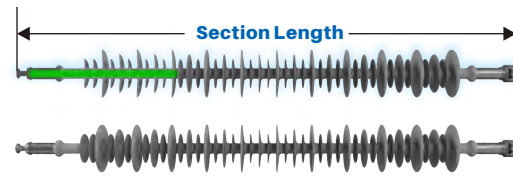
Composite Suspension Insulators Technical Data



Voltage Class [kV]	Catalogue No.	No. of Sheds	Section Length inch[mm]	Leakage Distance inch[mm]	Arcing Distance inch[mm]	Low Frequency Flashover [50Hz]		Critical Impulse Flashover		Approx. Weight lbs.[kg]
						Dry kV	Wet kV	Positive kV	Negative kV	
69	302SC021SJ00	21	41.41[1052]	96.85[2460]	30.31[770]	320	281	527	553	11.12[5.05]
	302SC021EJ00	21	42.67[1084]	96.85[2460]	30.31[770]	320	281	527	553	10.60[4.82]
	302SC021YJ00	21	42.95[1091]	96.85[2460]	30.31[770]	320	281	527	553	13.28[6.03]
	302SC021EE00	21	44.40[1128]	96.85[2460]	30.31[770]	320	281	527	553	11.20[5.09]
	302SC021YE00	21	44.68[1135]	96.85[2460]	30.31[770]	320	281	527	553	13.86[6.30]
	302SS023SJ00	23	44.33[1126]	123.22[3130]	33.07[840]	348	306	572	602	12.44[5.65]
	302SS023EJ00	23	45.59[1158]	123.22[3130]	33.07[840]	348	306	572	602	11.92[5.42]
	302SS023YJ00	23	45.86[1165]	123.22[3130]	33.07[840]	348	306	572	602	14.60[6.63]
	302SS023EE00	23	47.32[1202]	123.22[3130]	33.07[840]	348	306	572	602	12.52[5.69]
69/115	302SC026SJ00	26	45.55[1157]	118.50[3010]	34.25[870]	360	317	590	622	12.72[5.78]
	302SC026EJ00	26	46.81[1189]	118.50[3010]	34.25[870]	360	317	590	622	12.22[5.55]
	302SC026YJ00	26	47.08[1196]	118.50[3010]	34.25[870]	360	317	590	622	14.90[6.77]
	302SC026EE00	26	48.54[1233]	118.50[3010]	34.25[870]	360	317	590	622	12.80[5.82]
	302SS024SJ00	24	45.59[1158]	127.95[3250]	34.25[870]	360	317	591	622	12.90[5.86]
	302SS024EJ00	24	46.85[1190]	127.95[3250]	34.25[870]	360	317	591	622	12.40[5.63]
	302SS024YJ00	24	47.12[1197]	127.95[3250]	34.25[870]	360	317	591	622	15.06[6.84]
	302SS024EE00	24	48.58[1234]	127.95[3250]	34.25[870]	360	317	591	622	12.98[5.90]
	302SC027SJ00	27	47.71[1212]	122.83[3120]	36.61[930]	381	335	623	658	12.86[5.84]
	302SC027EJ00	27	48.97[1244]	122.83[3120]	36.61[930]	381	335	623	658	12.34[5.61]
	302SC027YJ00	27	49.25[1251]	122.83[3120]	36.61[930]	381	335	623	658	15.02[6.82]
	302SC027EE00	27	50.70[1288]	122.83[3120]	36.61[930]	381	335	623	658	12.94[5.88]
	302SC028SJ00	28	47.91[1217]	126.77[3220]	36.61[930]	383	337	626	661	13.32[6.05]
	302SC028EJ00	28	49.17[1249]	126.77[3220]	36.61[930]	383	337	626	661	12.80[5.82]
	302SC028YJ00	28	49.44[1256]	126.77[3220]	36.61[930]	383	337	626	661	15.50[7.04]
	302SC028EE00	28	50.90[1293]	126.77[3220]	36.61[930]	383	337	626	661	13.40[6.09]
	302SS026SJ00	26	48.11[1222]	138.18[3510]	37.00[940]	385	339	629	664	13.42[6.10]
	302SS026EJ00	26	49.37[1254]	138.18[3510]	37.00[940]	385	339	629	664	12.92[5.87]
	302SS026YJ00	26	49.64[1261]	138.18[3510]	37.00[940]	385	339	629	664	15.58[7.08]
	302SS026EE00	26	51.10[1298]	138.18[3510]	37.00[940]	385	339	629	664	13.52[6.14]
	302SC031SJ00	31	51.45[1307]	139.37[3540]	40.15[1020]	417	367	680	720	14.44[6.56]
	302SC031EJ00	31	52.71[1339]	139.37[3540]	40.15[1020]	417	367	680	720	13.94[6.33]
	302SC031YJ00	31	52.99[1346]	139.37[3540]	40.15[1020]	417	367	680	720	16.60[7.54]
	302SC031EE00	31	54.44[1383]	139.37[3540]	40.15[1020]	417	367	680	720	14.52[6.60]
	302SS029SJ00	29	51.49[1308]	153.14[3890]	40.15[1020]	418	367	681	720	14.38[6.53]
	302SS029EJ00	29	52.75[1340]	153.14[3890]	40.15[1020]	418	367	681	720	13.88[6.31]
	302SS029YJ00	29	53.03[1347]	153.14[3890]	40.15[1020]	418	367	681	720	16.56[7.52]
	302SS029EE00	29	54.48[1384]	153.14[3890]	40.15[1020]	418	367	681	720	14.48[6.58]
115/138	302SC032SJ00	32	52.63[1337]	144.09[3660]	41.33[1050]	429	377	698	739	14.50[6.59]
	302SC032EJ00	32	53.89[1369]	144.09[3660]	41.33[1050]	429	377	698	739	14.00[6.36]
	302SC032YJ00	32	54.17[1376]	144.09[3660]	41.33[1050]	429	377	698	739	16.68[7.58]
	302SC032EE00	32	55.62[1413]	144.09[3660]	41.33[1050]	429	377	698	739	14.60[6.63]
	302SS030SJ00	30	52.75[1340]	157.87[4010]	41.73[1060]	430	378	700	741	14.84[6.74]
	302SS030EJ00	30	54.01[1372]	157.87[4010]	41.73[1060]	430	378	700	741	14.32[6.51]
	302SS030YJ00	30	54.29[1379]	157.87[4010]	41.73[1060]	430	378	700	741	17.00[7.72]

ANSI 30Kips

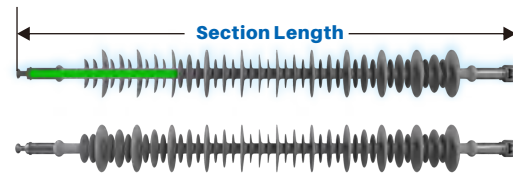
Composite Suspension Insulators Technical Data



Voltage Class [kV]	Catalogue No.	No. of Sheds	Section Length inch[mm]	Leakage Distance inch[mm]	Arcing Distance inch[mm]	Low Frequency Flashover [50Hz]		Critical Impulse Flashover		Approx. Weight lbs.[kg]
						Dry kV	Wet kV	Positive kV	Negative kV	
115/138	302SS030EE00	30	55.74[1416]	157.87[4010]	41.73[1060]	430	378	700	741	14.92[6.78]
	302SC032SJ00	32	53.42[1357]	144.88[3680]	42.12[1070]	436	384	710	752	14.54[6.61]
	302SC032EJ00	32	54.68[1389]	144.88[3680]	42.12[1070]	436	384	710	752	14.04[6.38]
	302SC032YJ00	32	54.96[1396]	144.88[3680]	42.12[1070]	436	384	710	752	16.74[7.60]
	302SC032EE00	32	56.41[1433]	144.88[3680]	42.12[1070]	436	384	710	752	14.64[6.65]
138	302SC036SJ00	36	57.36[1457]	161.02[4090]	46.06[1170]	475	417	770	817	15.70[7.13]
	302SC036EJ00	36	58.62[1489]	161.02[4090]	46.06[1170]	475	417	770	817	15.18[6.90]
	302SC036YJ00	36	58.89[1496]	161.02[4090]	46.06[1170]	475	417	770	817	17.86[8.11]
	302SC036EE00	36	60.35[1533]	161.02[4090]	46.06[1170]	475	417	770	817	15.78[7.17]
	302SS033SJ00	33	57.32[1456]	174.01[4420]	46.06[1170]	474	417	769	817	15.88[7.21]
	302SS033EJ00	33	58.58[1488]	174.01[4420]	46.06[1170]	474	417	769	817	15.36[6.98]
	302SS033YJ00	33	58.85[1495]	174.01[4420]	46.06[1170]	474	417	769	817	18.02[8.19]
	302SS033EE00	33	60.31[1532]	174.01[4420]	46.06[1170]	474	417	769	817	15.96[7.25]
	302SL040SJ00	40	57.51[1461]	178.74[4540]	46.45[1180]	476	419	772	820	17.06[7.75]
	302SL040EJ00	40	58.77[1493]	178.74[4540]	46.45[1180]	476	419	772	820	16.58[7.53]
	302SL040YJ00	40	59.05[1500]	178.74[4540]	46.45[1180]	476	419	772	820	19.24[8.74]
	302SL040EE00	40	60.51[1537]	178.74[4540]	46.45[1180]	476	419	772	820	17.14[7.79]
	302SM040SJ00	40	57.44[1459]	227.55[5780]	46.06[1170]	475	418	771	819	19.66[8.93]
	302SM040EJ00	40	58.70[1491]	227.55[5780]	46.06[1170]	475	418	771	819	19.16[8.70]
	302SM040YJ00	40	58.97[1498]	227.55[5780]	46.06[1170]	475	418	771	819	21.82[9.91]
	302SM040EE00	40	60.43[1535]	227.55[5780]	46.06[1170]	475	418	771	819	19.74[8.97]
	302SC035SJ00	35	57.95[1472]	158.26[4020]	46.85[1190]	480	423	779	827	15.28[6.94]
	302SC035EJ00	35	59.21[1504]	158.26[4020]	46.85[1190]	480	423	779	827	14.76[6.71]
	302SC035YJ00	35	59.48[1511]	158.26[4020]	46.85[1190]	480	423	779	827	17.44[7.92]
	302SC035EE00	35	60.94[1548]	158.26[4020]	46.85[1190]	480	423	779	827	15.36[6.98]
	302SC037SJ00	37	59.52[1512]	164.96[4190]	48.42[1230]	496	436	803	853	15.82[7.19]
	302SC037EJ00	37	60.78[1544]	164.96[4190]	48.42[1230]	496	436	803	853	15.32[6.96]
	302SC037YJ00	37	61.06[1551]	164.96[4190]	48.42[1230]	496	436	803	853	17.98[8.17]
	302SC037EE00	37	62.51[1588]	164.96[4190]	48.42[1230]	496	436	803	853	15.92[7.23]
	302SC038SJ00	38	59.72[1517]	170.07[4320]	48.42[1230]	498	438	806	857	16.28[7.40]
	302SC038EJ00	38	60.98[1549]	170.07[4320]	48.42[1230]	498	438	806	857	15.78[7.17]
	302SC038YJ00	38	61.25[1556]	170.07[4320]	48.42[1230]	498	438	806	857	18.44[8.38]
	302SC038EE00	38	62.71[1593]	170.07[4320]	48.42[1230]	498	438	806	857	16.38[7.44]
	302SC040SJ00	40	63.85[1622]	180.31[4580]	52.75[1340]	538	473	869	925	17.00[7.72]
	302SC040EJ00	40	65.11[1654]	180.31[4580]	52.75[1340]	538	473	869	925	16.48[7.49]
	302SC040YJ00	40	65.39[1661]	180.31[4580]	52.75[1340]	538	473	869	925	19.16[8.70]
	302SC040EE00	40	66.85[1698]	180.31[4580]	52.75[1340]	538	473	869	925	17.08[7.76]
	302SS039SJ00	39	63.70[1618]	203.14[5160]	52.36[1330]	536	472	866	922	17.76[8.07]
	302SS039EJ00	39	64.96[1650]	203.14[5160]	52.36[1330]	536	472	866	922	17.26[7.84]
	302SS039YJ00	39	65.23[1657]	203.14[5160]	52.36[1330]	536	472	866	922	19.92[9.05]
	302SS039EE00	39	66.69[1694]	203.14[5160]	52.36[1330]	536	472	866	922	17.86[8.11]
	302SL046SJ00	46	63.66[1617]	205.11[5210]	52.36[1330]	536	471	866	922	18.86[8.57]
	302SL046EJ00	46	64.92[1649]	205.11[5210]	52.36[1330]	536	471	866	922	18.36[8.34]
	302SL046YJ00	46	65.19[1656]	205.11[5210]	52.36[1330]	536	471	866	922	21.02[9.55]

ANSI 30Kips

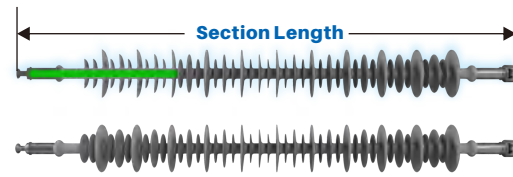
Composite Suspension Insulators Technical Data



Voltage Class [kV]	Catalogue No.	No. of Sheds	Section Length inch[mm]	Leakage Distance inch[mm]	Arcing Distance inch[mm]	Low Frequency Flashover [50Hz]		Critical Impulse Flashover		Approx. Weight lbs.[kg]
						Dry kV	Wet kV	Positive kV	Negative kV	
138	302SL046EE00	46	66.65[1693]	205.11[5210]	52.36[1330]	536	471	866	922	18.96[8.61]
	302SE047SJ00	47	63.70[1618]	230.31[5850]	52.36[1330]	536	472	866	922	19.40[8.81]
	302SE047EJ00	47	64.96[1650]	230.31[5850]	52.36[1330]	536	472	866	922	18.88[8.58]
	302SE047YJ00	47	65.23[1657]	230.31[5850]	52.36[1330]	536	472	866	922	21.56[9.79]
	302SE047EE00	47	66.69[1694]	230.31[5850]	52.36[1330]	536	472	866	922	19.48[8.85]
	302SM046SJ00	46	63.66[1617]	260.62[6620]	52.36[1330]	536	471	866	922	21.88[9.94]
	302SM046EJ00	46	64.92[1649]	260.62[6620]	52.36[1330]	536	471	866	922	21.40[9.72]
	302SM046YJ00	46	65.19[1656]	260.62[6620]	52.36[1330]	536	471	866	922	24.06[10.93]
	302SM046EE00	46	66.65[1693]	260.62[6620]	52.36[1330]	536	471	866	922	22.00[9.99]
	302SC042SJ00	42	64.44[1637]	187.40[4760]	53.14[1350]	543	478	878	935	17.48[7.94]
	302SC042EJ00	42	65.70[1669]	187.40[4760]	53.14[1350]	543	478	878	935	16.98[7.71]
	302SC042YJ00	42	65.98[1676]	187.40[4760]	53.14[1350]	543	478	878	935	19.64[8.92]
	302SC042EE00	42	67.44[1713]	187.40[4760]	53.14[1350]	543	478	878	935	17.56[7.98]
	302SS039SJ00	39	64.48[1638]	203.93[5180]	53.14[1350]	544	478	878	935	17.80[8.09]
	302SS039EJ00	39	65.74[1670]	203.93[5180]	53.14[1350]	544	478	878	935	17.30[7.86]
	302SS039YJ00	39	66.02[1677]	203.93[5180]	53.14[1350]	544	478	878	935	19.96[9.07]
	302SS039EE00	39	67.48[1714]	203.93[5180]	53.14[1350]	544	478	878	935	17.90[8.13]
	302SL047SJ00	47	64.68[1643]	208.66[5300]	53.54[1360]	546	480	881	939	18.92[8.59]
	302SL047EJ00	47	65.94[1675]	208.66[5300]	53.54[1360]	546	480	881	939	18.42[8.37]
	302SL047YJ00	47	66.22[1682]	208.66[5300]	53.54[1360]	546	480	881	939	21.10[9.58]
	302SL047EE00	47	67.67[1719]	208.66[5300]	53.54[1360]	546	480	881	939	19.02[8.64]
	302SE048SJ00	48	64.72[1644]	235.43[5980]	53.54[1360]	546	480	882	939	19.96[9.07]
	302SE048EJ00	48	65.98[1676]	235.43[5980]	53.54[1360]	546	480	882	939	19.46[8.84]
	302SE048YJ00	48	66.25[1683]	235.43[5980]	53.54[1360]	546	480	882	939	22.12[10.05]
	302SE048EE00	48	67.71[1720]	235.43[5980]	53.54[1360]	546	480	882	939	20.06[9.11]
	302SM047SJ00	47	64.76[1645]	265.74[6750]	53.54[1360]	546	481	883	940	22.26[10.11]
	302SM047EJ00	47	66.02[1677]	265.74[6750]	53.54[1360]	546	481	883	940	21.78[9.89]
	302SM047YJ00	47	66.29[1684]	265.74[6750]	53.54[1360]	546	481	883	940	24.44[11.10]
	302SM047EE00	47	67.75[1721]	265.74[6750]	53.54[1360]	546	481	883	940	22.36[10.16]
161	302SC042SJ01	42	64.44[1637]	187.40[4760]	52.36[1330]	534	470	863	918	18.48[8.39]
	302SC042EJ01	42	65.70[1669]	187.40[4760]	52.36[1330]	534	470	863	918	17.96[8.16]
	302SC042YJ01	42	65.98[1676]	187.40[4760]	52.36[1330]	534	470	863	918	20.62[9.37]
	302SC042EE01	42	67.44[1713]	187.40[4760]	52.36[1330]	534	470	863	918	18.56[8.43]
	302SS039SJ01	39	64.48[1638]	203.93[5180]	52.36[1330]	534	470	863	919	18.80[8.54]
	302SS039EJ01	39	65.74[1670]	203.93[5180]	52.36[1330]	534	470	863	919	18.30[8.31]
	302SS039YJ01	39	66.02[1677]	203.93[5180]	52.36[1330]	534	470	863	919	20.96[9.52]
	302SS039EE01	39	67.48[1714]	203.93[5180]	52.36[1330]	534	470	863	919	18.88[8.58]
	302SL047SJ01	47	64.68[1643]	208.66[5300]	52.36[1330]	536	472	866	922	19.90[9.04]
	302SL047EJ01	47	65.94[1675]	208.66[5300]	52.36[1330]	536	472	866	922	19.42[8.82]
	302SL047YJ01	47	66.22[1682]	208.66[5300]	52.36[1330]	536	472	866	922	22.08[10.03]
	302SL047EE01	47	67.67[1719]	208.66[5300]	52.36[1330]	536	472	866	922	20.02[9.09]
	302SE048SJ01	48	64.72[1644]	235.43[5980]	52.36[1330]	536	472	867	923	20.96[9.52]
	302SE048EJ01	48	65.98[1676]	235.43[5980]	52.36[1330]	536	472	867	923	20.46[9.29]
	302SE048YJ01	48	66.25[1683]	235.43[5980]	52.36[1330]	536	472	867	923	23.12[10.50]

ANSI 30Kips

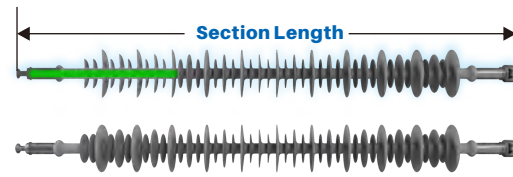
Composite Suspension Insulators Technical Data



Voltage Class [kV]	Catalogue No.	No. of Sheds	Section Length inch[mm]	Leakage Distance inch[mm]	Arcing Distance inch[mm]	Low Frequency Flashover [50Hz]		Critical Impulse Flashover		Approx. Weight lbs.[kg]
						Dry kV	Wet kV	Positive kV	Negative kV	
161	302SE048EE01	48	67.71[1720]	235.43[5980]	52.36[1330]	536	472	867	923	21.04[9.56]
	302SM047SJ01	47	64.76[1645]	265.74[6750]	52.75[1340]	537	472	868	924	23.24[10.56]
	302SM047EJ01	47	66.02[1677]	265.74[6750]	52.75[1340]	537	472	868	924	22.76[10.34]
	302SM047YJ01	47	66.29[1684]	265.74[6750]	52.75[1340]	537	472	868	924	25.44[11.55]
	302SM047EE01	47	67.75[1721]	265.74[6750]	52.75[1340]	537	472	868	924	23.36[10.61]
	302SC044SJ01	44	68.58[1742]	197.63[5020]	56.29[1430]	574	505	926	987	19.18[8.71]
	302SC044EJ01	44	69.84[1774]	197.63[5020]	56.29[1430]	574	505	926	987	18.66[8.48]
	302SC044YJ01	44	70.11[1781]	197.63[5020]	56.29[1430]	574	505	926	987	21.34[9.69]
	302SC044EE01	44	71.57[1818]	197.63[5020]	56.29[1430]	574	505	926	987	19.26[8.75]
	302SC047SJ01	47	70.35[1787]	208.26[5290]	58.26[1480]	591	520	953	1016	19.72[8.96]
	302SC047EJ01	47	71.61[1819]	208.26[5290]	58.26[1480]	591	520	953	1016	19.22[8.73]
	302SC047YJ01	47	71.88[1826]	208.26[5290]	58.26[1480]	591	520	953	1016	21.88[9.94]
	302SC047EE01	47	73.34[1863]	208.26[5290]	58.26[1480]	591	520	953	1016	19.82[9.00]
	302SS044SJ01	44	70.39[1788]	229.13[5820]	58.26[1480]	592	520	953	1017	20.28[9.21]
	302SS044EJ01	44	71.65[1820]	229.13[5820]	58.26[1480]	592	520	953	1017	19.80[8.99]
	302SS044YJ01	44	71.92[1827]	229.13[5820]	58.26[1480]	592	520	953	1017	22.46[10.20]
	302SS044EE01	44	73.38[1864]	229.13[5820]	58.26[1480]	592	520	953	1017	20.38[9.26]
	302SL053SJ01	53	70.43[1789]	233.07[5920]	58.26[1480]	592	521	954	1018	21.68[9.85]
	302SL053EJ01	53	71.69[1821]	233.07[5920]	58.26[1480]	592	521	954	1018	21.18[9.62]
	302SL053YJ01	53	71.96[1828]	233.07[5920]	58.26[1480]	592	521	954	1018	23.84[10.83]
	302SL053EE01	53	73.42[1865]	233.07[5920]	58.26[1480]	592	521	954	1018	21.78[9.89]
	302SE053SJ01	53	70.62[1794]	259.05[6580]	58.26[1480]	594	522	957	1021	22.30[10.13]
	302SE053EJ01	53	71.88[1826]	259.05[6580]	58.26[1480]	594	522	957	1021	21.80[9.90]
	302SE053YJ01	53	72.16[1833]	259.05[6580]	58.26[1480]	594	522	957	1021	24.46[11.11]
	302SE053EE01	53	73.62[1870]	259.05[6580]	58.26[1480]	594	522	957	1021	22.40[10.17]
	302SM051SJ01	51	70.55[1792]	289.37[7350]	58.26[1480]	593	522	956	1020	24.84[11.28]
	302SM051EJ01	51	71.81[1824]	289.37[7350]	58.26[1480]	593	522	956	1020	24.36[11.06]
	302SM051YJ01	51	72.08[1831]	289.37[7350]	58.26[1480]	593	522	956	1020	27.02[12.27]
	302SM051EE01	51	73.54[1868]	289.37[7350]	58.26[1480]	593	522	956	1020	24.94[11.33]
	302SC050SJ01	50	75.66[1922]	223.62[5680]	63.38[1610]	643	565	1034	1104	20.94[9.51]
	302SC050EJ01	50	76.92[1954]	223.62[5680]	63.38[1610]	643	565	1034	1104	20.46[9.29]
	302SC050YJ01	50	77.20[1961]	223.62[5680]	63.38[1610]	643	565	1034	1104	23.12[10.50]
	302SC050EE01	50	78.66[1998]	223.62[5680]	63.38[1610]	643	565	1034	1104	21.04[9.56]
	302SC052SJ01	52	76.25[1937]	230.31[5850]	64.17[1630]	648	570	1043	1114	21.44[9.74]
	302SC052EJ01	52	77.51[1969]	230.31[5850]	64.17[1630]	648	570	1043	1114	20.94[9.51]
	302SC052YJ01	52	77.79[1976]	230.31[5850]	64.17[1630]	648	570	1043	1114	23.60[10.72]
	302SC052EE01	52	79.25[2013]	230.31[5850]	64.17[1630]	648	570	1043	1114	21.54[9.78]
	302SS048SJ01	48	76.22[1936]	250.00[6350]	64.17[1630]	648	570	1042	1113	21.78[9.89]
	302SS048EJ01	48	77.48[1968]	250.00[6350]	64.17[1630]	648	570	1042	1113	21.26[9.66]
	302SS048YJ01	48	77.75[1975]	250.00[6350]	64.17[1630]	648	570	1042	1113	23.94[10.87]
	302SS048EE01	48	79.21[2012]	250.00[6350]	64.17[1630]	648	570	1042	1113	21.86[9.93]
	302SL059SJ01	59	76.37[1940]	259.44[6590]	64.17[1630]	650	571	1044	1116	23.48[10.66]
	302SL059EJ01	59	77.63[1972]	259.44[6590]	64.17[1630]	650	571	1044	1116	22.96[10.43]
	302SL059YJ01	59	77.91[1979]	259.44[6590]	64.17[1630]	650	571	1044	1116	25.62[11.64]

ANSI 30Kips

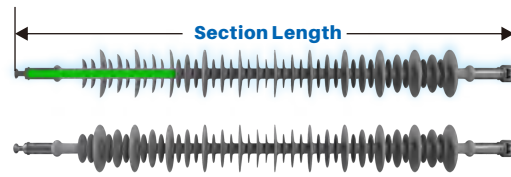
Composite Suspension Insulators Technical Data



Voltage Class [kV]	Catalogue No.	No. of Sheds	Section Length inch[mm]	Leakage Distance inch[mm]	Arcing Distance inch[mm]	Low Frequency Flashover [50Hz]		Critical Impulse Flashover		Approx. Weight lbs.[kg]
						Dry kV	Wet kV	Positive kV	Negative kV	
161	302SL059EE01	59	79.37[2016]	259.44[6590]	64.17[1630]	650	571	1044	1116	23.56[10.70]
	302SE060SJ01	60	76.22[1936]	292.12[7420]	64.17[1630]	648	570	1042	1113	24.64[11.19]
	302SE060EJ01	60	77.48[1968]	292.12[7420]	64.17[1630]	648	570	1042	1113	24.14[10.96]
	302SE060YJ01	60	77.75[1975]	292.12[7420]	64.17[1630]	648	570	1042	1113	26.80[12.17]
	302SE060EE01	60	79.21[2012]	292.12[7420]	64.17[1630]	648	570	1042	1113	24.72[11.23]
	302SM057SJ01	57	76.18[1935]	322.04[8180]	64.17[1630]	648	570	1041	1113	27.04[12.28]
	302SM057EJ01	57	77.44[1967]	322.04[8180]	64.17[1630]	648	570	1041	1113	26.56[12.06]
	302SM057YJ01	57	77.71[1974]	322.04[8180]	64.17[1630]	648	570	1041	1113	29.22[13.27]
	302SM057EE01	57	79.17[2011]	322.04[8180]	64.17[1630]	648	570	1041	1113	27.14[12.33]
	302SC051SJ01	51	76.85[1952]	227.16[5770]	64.56[1640]	654	575	1052	1124	21.02[9.55]
	302SC051EJ01	51	78.11[1984]	227.16[5770]	64.56[1640]	654	575	1052	1124	20.52[9.32]
	302SC051YJ01	51	78.38[1991]	227.16[5770]	64.56[1640]	654	575	1052	1124	23.18[10.53]
	302SC051EE01	51	79.84[2028]	227.16[5770]	64.56[1640]	654	575	1052	1124	21.12[9.59]
	302SC056SJ01	56	80.98[2057]	247.24[6280]	68.89[1750]	694	611	1114	1192	22.64[10.28]
	302SC056EJ01	56	82.24[2089]	247.24[6280]	68.89[1750]	694	611	1114	1192	22.12[10.05]
	302SC056YJ01	56	82.51[2096]	247.24[6280]	68.89[1750]	694	611	1114	1192	24.80[11.26]
	302SC056EE01	56	83.97[2133]	247.24[6280]	68.89[1750]	694	611	1114	1192	22.72[10.32]
	302SS053SJ01	53	81.33[2066]	274.40[6970]	69.29[1760]	698	614	1120	1198	23.20[10.54]
	302SS053EJ01	53	82.59[2098]	274.40[6970]	69.29[1760]	698	614	1120	1198	22.72[10.32]
	302SS053YJ01	53	82.87[2105]	274.40[6970]	69.29[1760]	698	614	1120	1198	25.38[11.53]
	302SS053EE01	53	84.33[2142]	274.40[6970]	69.29[1760]	698	614	1120	1198	23.32[10.59]
	302SL063SJ01	63	81.06[2059]	277.16[7040]	68.89[1750]	695	611	1116	1194	25.18[11.44]
	302SL063EJ01	63	82.32[2091]	277.16[7040]	68.89[1750]	695	611	1116	1194	24.68[11.21]
	302SL063YJ01	63	82.59[2098]	277.16[7040]	68.89[1750]	695	611	1116	1194	27.34[12.42]
	302SL063EE01	63	84.05[2135]	277.16[7040]	68.89[1750]	695	611	1116	1194	25.28[11.48]
	302SE064SJ01	64	81.10[2060]	311.81[7920]	68.89[1750]	695	612	1116	1194	25.92[11.77]
	302SE064EJ01	64	82.36[2092]	311.81[7920]	68.89[1750]	695	612	1116	1194	25.44[11.55]
	302SE064YJ01	64	82.63[2099]	311.81[7920]	68.89[1750]	695	612	1116	1194	28.10[12.76]
	302SE064EE01	64	84.09[2136]	311.81[7920]	68.89[1750]	695	612	1116	1194	26.02[11.82]
	302SM062SJ01	62	81.29[2065]	350.00[8890]	69.29[1760]	697	613	1119	1198	28.92[13.13]
	302SM062EJ01	62	82.55[2097]	350.00[8890]	69.29[1760]	697	613	1119	1198	28.40[12.90]
	302SM062YJ01	62	82.83[2104]	350.00[8890]	69.29[1760]	697	613	1119	1198	31.06[14.11]
	302SM062EE01	62	84.29[2141]	350.00[8890]	69.29[1760]	697	613	1119	1198	29.00[13.17]
230	302SC056SJ02	56	80.98[2057]	247.24[6280]	68.50[1740]	692	609	1111	1189	23.18[10.53]
	302SC056EJ02	56	82.24[2089]	247.24[6280]	68.50[1740]	692	609	1111	1189	22.68[10.30]
	302SC056YJ02	56	82.51[2096]	247.24[6280]	68.50[1740]	692	609	1111	1189	25.34[11.51]
	302SC056EE02	56	83.97[2133]	247.24[6280]	68.50[1740]	692	609	1111	1189	23.28[10.57]
	302SS053SJ02	53	81.33[2066]	274.40[6970]	68.89[1750]	696	612	1117	1195	23.76[10.79]
	302SS053EJ02	53	82.59[2098]	274.40[6970]	68.89[1750]	696	612	1117	1195	23.28[10.57]
	302SS053YJ02	53	82.87[2105]	274.40[6970]	68.89[1750]	696	612	1117	1195	25.94[11.78]
	302SS053EE02	53	84.33[2142]	274.40[6970]	68.89[1750]	696	612	1117	1195	23.86[10.84]
	302SL063SJ02	63	81.06[2059]	277.16[7040]	68.50[1740]	693	610	1113	1190	25.26[11.47]
	302SL063EJ02	63	82.32[2091]	277.16[7040]	68.50[1740]	693	610	1113	1190	24.74[11.24]
	302SL063YJ02	63	82.59[2098]	277.16[7040]	68.50[1740]	693	610	1113	1190	27.42[12.45]

ANSI 30Kips

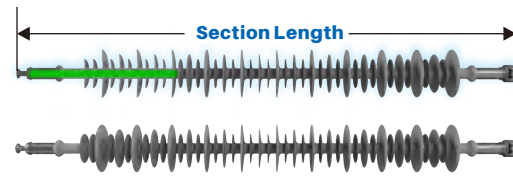
Composite Suspension Insulators Technical Data



Voltage Class [kV]	Catalogue No.	No. of Sheds	Section Length inch[mm]	Leakage Distance inch[mm]	Arcing Distance inch[mm]	Low Frequency Flashover [50Hz]		Critical Impulse Flashover		Approx. Weight lbs.[kg]
						Dry kV	Wet kV	Positive kV	Negative kV	
230	302SL063EE02	63	84.05[2135]	277.16[7040]	68.50[1740]	693	610	1113	1190	25.34[11.51]
	302SE064SJ02	64	81.10[2060]	311.81[7920]	68.89[1750]	694	610	1113	1191	26.46[12.02]
	302SE064EJ02	64	82.36[2092]	311.81[7920]	68.89[1750]	694	610	1113	1191	25.98[11.80]
	302SE064YJ02	64	82.63[2099]	311.81[7920]	68.89[1750]	694	610	1113	1191	28.64[13.01]
	302SE064EE02	64	84.09[2136]	311.81[7920]	68.89[1750]	694	610	1113	1191	26.58[12.07]
	302SM062SJ02	62	81.29[2065]	350.00[8890]	68.89[1750]	695	612	1116	1194	29.46[13.38]
	302SM062EJ02	62	82.55[2097]	350.00[8890]	68.89[1750]	695	612	1116	1194	28.96[13.15]
	302SM062YJ02	62	82.83[2104]	350.00[8890]	68.89[1750]	695	612	1116	1194	31.62[14.36]
	302SM062EE02	62	84.29[2141]	350.00[8890]	68.89[1750]	695	612	1116	1194	29.54[13.42]
	302SC059SJ02	59	84.52[2147]	259.84[6600]	72.04[1830]	727	639	1165	1248	23.84[10.83]
	302SC059EJ02	59	85.78[2179]	259.84[6600]	72.04[1830]	727	639	1165	1248	23.34[10.60]
	302SC059YJ02	59	86.06[2186]	259.84[6600]	72.04[1830]	727	639	1165	1248	26.00[11.81]
	302SC059EE02	59	87.51[2223]	259.84[6600]	72.04[1830]	727	639	1165	1248	23.94[10.87]
	302SC061SJ02	61	86.88[2207]	267.32[6790]	74.40[1890]	750	659	1201	1287	24.44[11.10]
	302SC061EJ02	61	88.14[2239]	267.32[6790]	74.40[1890]	750	659	1201	1287	23.94[10.87]
	302SC061YJ02	61	88.42[2246]	267.32[6790]	74.40[1890]	750	659	1201	1287	26.60[12.08]
	302SC061EE02	61	89.88[2283]	267.32[6790]	74.40[1890]	750	659	1201	1287	24.52[11.14]
	302SS057SJ02	57	87.16[2214]	294.88[7490]	74.80[1900]	752	662	1205	1291	25.26[11.47]
	302SS057EJ02	57	88.42[2246]	294.88[7490]	74.80[1900]	752	662	1205	1291	24.74[11.24]
	302SS057YJ02	57	88.70[2253]	294.88[7490]	74.80[1900]	752	662	1205	1291	27.42[12.45]
	302SS057EE02	57	90.15[2290]	294.88[7490]	74.80[1900]	752	662	1205	1291	25.34[11.51]
	302SL069YJ02	69	87.20[2215]	302.36[7680]	74.80[1900]	753	662	1206	1292	27.04[12.28]
	302SL069YJ02	69	88.46[2247]	302.36[7680]	74.80[1900]	753	662	1206	1292	26.56[12.06]
	302SL069YJ02	69	88.74[2254]	302.36[7680]	74.80[1900]	753	662	1206	1292	29.22[13.27]
	302SL069YJ02	69	90.19[2291]	302.36[7680]	74.80[1900]	753	662	1206	1292	27.14[12.33]
	302SE070SJ02	70	87.24[2216]	340.94[8660]	74.80[1900]	753	662	1207	1293	28.34[12.87]
	302SE070EJ02	70	88.50[2248]	340.94[8660]	74.80[1900]	753	662	1207	1293	27.84[12.64]
	302SE070YJ02	70	88.77[2255]	340.94[8660]	74.80[1900]	753	662	1207	1293	30.52[13.86]
	302SE070EE02	70	90.23[2292]	340.94[8660]	74.80[1900]	753	662	1207	1293	28.42[12.91]
	302SM067SJ02	67	87.20[2215]	377.95[9600]	74.80[1900]	753	662	1206	1292	31.36[14.24]
	302SM067EJ02	67	88.46[2247]	377.95[9600]	74.80[1900]	753	662	1206	1292	30.88[14.02]
	302SM067YJ02	67	88.74[2254]	377.95[9600]	74.80[1900]	753	662	1206	1292	33.54[15.23]
	302SM067EE02	67	90.19[2291]	377.95[9600]	74.80[1900]	753	662	1206	1292	31.46[14.29]
	302SC063SJ02	63	90.03[2287]	277.95[7060]	77.55[1970]	780	686	1249	1339	25.08[11.39]
	302SC063EJ02	63	91.29[2319]	277.95[7060]	77.55[1970]	780	686	1249	1339	24.58[11.16]
	302SC063YJ02	63	91.57[2326]	277.95[7060]	77.55[1970]	780	686	1249	1339	27.24[12.37]
	302SC063EE02	63	93.03[2363]	277.95[7060]	77.55[1970]	780	686	1249	1339	25.16[11.43]
	302SC066SJ02	66	92.79[2357]	290.94[7390]	80.31[2040]	807	710	1291	1385	26.16[11.88]
	302SC066EJ02	66	94.05[2389]	290.94[7390]	80.31[2040]	807	710	1291	1385	25.66[11.65]
	302SC066YJ02	66	94.33[2396]	290.94[7390]	80.31[2040]	807	710	1291	1385	28.32[12.86]
	302SC066EE02	66	95.78[2433]	290.94[7390]	80.31[2040]	807	710	1291	1385	26.24[11.92]
	302SS062SJ02	62	93.07[2364]	320.47[8140]	80.70[2050]	810	712	1295	1389	26.74[12.14]
	302SS062EJ02	62	94.33[2396]	320.47[8140]	80.70[2050]	810	712	1295	1389	26.24[11.92]
	302SS062YJ02	62	94.60[2403]	320.47[8140]	80.70[2050]	810	712	1295	1389	28.92[13.13]

ANSI 30Kips

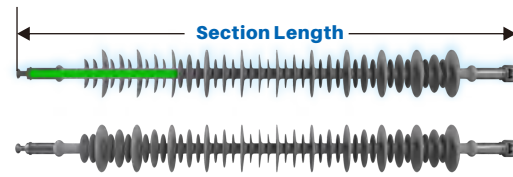
Composite Suspension Insulators Technical Data



Voltage Class [kV]	Catalogue No.	No. of Sheds	Section Length inch[mm]	Leakage Distance inch[mm]	Arcing Distance inch[mm]	Low Frequency Flashover [50Hz]		Critical Impulse Flashover		Approx. Weight lbs.[kg]
						Dry kV	Wet kV	Positive kV	Negative kV	
230	302SS062EE02	62	96.06[2440]	320.47[8140]	80.70[2050]	810	712	1295	1389	26.84[12.19]
	302SL075SJ02	75	92.95[2361]	328.34[8340]	80.70[2050]	808	711	1294	1387	28.82[13.09]
	302SL075EJ02	75	94.21[2393]	328.34[8340]	80.70[2050]	808	711	1294	1387	28.32[12.86]
	302SL075YJ02	75	94.48[2400]	328.34[8340]	80.70[2050]	808	711	1294	1387	30.98[14.07]
	302SL075EE02	75	95.94[2437]	328.34[8340]	80.70[2050]	808	711	1294	1387	28.92[13.13]
	302SE075SJ02	75	93.14[2366]	364.96[9270]	80.70[2050]	810	713	1297	1391	30.18[13.71]
	302SE075EJ02	75	94.40[2398]	364.96[9270]	80.70[2050]	810	713	1297	1391	29.70[13.49]
	302SE075YJ02	75	94.68[2405]	364.96[9270]	80.70[2050]	810	713	1297	1391	32.36[14.70]
	302SE075EE02	75	96.14[2442]	364.96[9270]	80.70[2050]	810	713	1297	1391	30.28[13.75]
	302SM072SJ02	72	92.71[2355]	406.29[10320]	80.31[2040]	806	709	1290	1383	33.24[15.10]
	302SM072EJ02	72	93.97[2387]	406.29[10320]	80.31[2040]	806	709	1290	1383	32.74[14.87]
	302SM072YJ02	72	94.25[2394]	406.29[10320]	80.31[2040]	806	709	1290	1383	35.40[16.08]
	302SM072EE02	72	95.70[2431]	406.29[10320]	80.31[2040]	806	709	1290	1383	33.34[15.14]
	302SC070SJ02	70	97.51[2477]	308.26[7830]	85.03[2160]	853	750	1363	1463	27.34[12.42]
	302SC070EJ02	70	98.77[2509]	308.26[7830]	85.03[2160]	853	750	1363	1463	26.84[12.19]
	302SC070YJ02	70	99.05[2516]	308.26[7830]	85.03[2160]	853	750	1363	1463	29.50[13.40]
	302SC070EE02	70	100.51[2553]	308.26[7830]	85.03[2160]	853	750	1363	1463	27.44[12.46]
	302SS066SJ02	66	97.71[2482]	339.76[8630]	85.43[2170]	855	752	1366	1466	28.16[12.79]
	302SS066EJ02	66	98.97[2514]	339.76[8630]	85.43[2170]	855	752	1366	1466	27.66[12.56]
	302SS066YJ02	66	99.25[2521]	339.76[8630]	85.43[2170]	855	752	1366	1466	30.32[13.77]
	302SS066EE02	66	100.70[2558]	339.76[8630]	85.43[2170]	855	752	1366	1466	28.24[12.83]
	302SL080SJ02	80	97.87[2486]	350.00[8890]	85.43[2170]	856	753	1368	1469	30.54[13.87]
	302SL080EJ02	80	99.13[2518]	350.00[8890]	85.43[2170]	856	753	1368	1469	30.06[13.65]
	302SL080YJ02	80	99.40[2525]	350.00[8890]	85.43[2170]	856	753	1368	1469	32.72[14.86]
	302SL080EE02	80	100.86[2562]	350.00[8890]	85.43[2170]	856	753	1368	1469	30.66[13.92]
	302SE081SJ02	81	97.71[2482]	390.94[9930]	85.43[2170]	855	752	1366	1466	31.46[14.29]
	302SE081EJ02	81	98.97[2514]	390.94[9930]	85.43[2170]	855	752	1366	1466	30.96[14.06]
	302SE081YJ02	81	99.25[2521]	390.94[9930]	85.43[2170]	855	752	1366	1466	33.62[15.27]
	302SE081EE02	81	100.70[2558]	390.94[9930]	85.43[2170]	855	752	1366	1466	31.56[14.33]
	302SM077SJ02	77	97.83[2485]	433.46[11010]	85.43[2170]	856	753	1368	1468	35.10[15.94]
	302SM077EJ02	77	99.09[2517]	433.46[11010]	85.43[2170]	856	753	1368	1468	34.62[15.72]
	302SM077YJ02	77	99.37[2524]	433.46[11010]	85.43[2170]	856	753	1368	1468	37.28[16.93]
	302SM077EE02	77	100.82[2561]	433.46[11010]	85.43[2170]	856	753	1368	1468	35.18[15.98]
	302SC075SJ02	75	103.42[2627]	328.74[8350]	90.94[2310]	910	801	1453	1561	28.60[12.99]
	302SC075EJ02	75	104.68[2659]	328.74[8350]	90.94[2310]	910	801	1453	1561	28.10[12.76]
	302SC075YJ02	75	104.96[2666]	328.74[8350]	90.94[2310]	910	801	1453	1561	30.76[13.97]
	302SC075EE02	75	106.41[2703]	328.74[8350]	90.94[2310]	910	801	1453	1561	28.70[13.03]
	302SC078SJ02	78	106.96[2717]	342.51[8700]	94.48[2400]	944	831	1507	1619	29.72[13.50]
	302SC078EJ02	78	108.22[2749]	342.51[8700]	94.48[2400]	944	831	1507	1619	29.22[13.27]
	302SC078YJ02	78	108.50[2756]	342.51[8700]	94.48[2400]	944	831	1507	1619	31.88[14.48]
	302SC078EE02	78	109.96[2793]	342.51[8700]	94.48[2400]	944	831	1507	1619	29.82[13.54]
	302SS074SJ02	74	107.40[2728]	380.31[9660]	94.88[2410]	949	834	1513	1627	30.62[13.91]
	302SS074EJ02	74	108.66[2760]	380.31[9660]	94.88[2410]	949	834	1513	1627	30.12[13.68]
	302SS074YJ02	74	108.93[2767]	380.31[9660]	94.88[2410]	949	834	1513	1627	32.78[14.89]

ANSI 30Kips

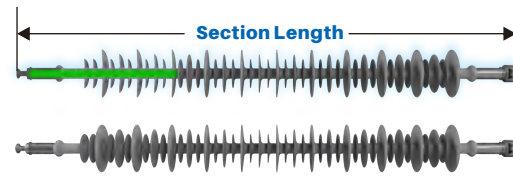
Composite Suspension Insulators Technical Data



Voltage Class [kV]	Catalogue No.	No. of Sheds	Section Length inch[mm]	Leakage Distance inch[mm]	Arcing Distance inch[mm]	Low Frequency Flashover [50Hz]		Critical Impulse Flashover		Approx. Weight lbs.[kg]
						Dry kV	Wet kV	Positive kV	Negative kV	
230	302SS074EE02	74	110.39[2804]	380.31[9660]	94.88[2410]	949	834	1513	1627	30.72[13.95]
	302SL089SJ02	89	107.08[2720]	387.40[9840]	94.88[2410]	946	832	1509	1621	33.00[14.99]
	302SL089EJ02	89	108.34[2752]	387.40[9840]	94.88[2410]	946	832	1509	1621	32.50[14.76]
	302SL089YJ02	89	108.62[2759]	387.40[9840]	94.88[2410]	946	832	1509	1621	35.16[15.97]
	302SL089EE02	89	110.07[2796]	387.40[9840]	94.88[2410]	946	832	1509	1621	33.10[15.03]
	302SE090SJ02	90	106.92[2716]	435.82[11070]	94.48[2400]	944	830	1506	1619	34.50[15.67]
	302SE090EJ02	90	108.18[2748]	435.82[11070]	94.48[2400]	944	830	1506	1619	34.02[15.45]
	302SE090YJ02	90	108.46[2755]	435.82[11070]	94.48[2400]	944	830	1506	1619	36.68[16.66]
	302SE090EE02	90	109.92[2792]	435.82[11070]	94.48[2400]	944	830	1506	1619	34.62[15.72]
	302SM085SJ02	85	107.04[2719]	478.34[12150]	94.48[2400]	945	831	1508	1621	38.14[17.32]
	302SM085EJ02	85	108.30[2751]	478.34[12150]	94.48[2400]	945	831	1508	1621	37.64[17.09]
	302SM085YJ02	85	108.58[2758]	478.34[12150]	94.48[2400]	945	831	1508	1621	40.30[18.30]
	302SM085EE02	85	110.03[2795]	478.34[12150]	94.48[2400]	945	831	1508	1621	38.22[17.36]
345	302SC081SJ22	81	111.49[2832]	354.72[9010]	98.03[2490]	977	859	1558	1675	31.98[14.52]
	302SC081EJ22	81	112.75[2864]	354.72[9010]	98.03[2490]	977	859	1558	1675	31.48[14.30]
	302SC081YJ22	81	113.03[2871]	354.72[9010]	98.03[2490]	977	859	1558	1675	34.16[15.51]
	302SC081EE22	81	114.48[2908]	354.72[9010]	98.03[2490]	977	859	1558	1675	32.08[14.57]
	302SC083SJ22	83	113.66[2887]	364.17[9250]	100.00[2540]	998	878	1591	1711	32.56[14.79]
	302SC083EJ22	83	114.92[2919]	364.17[9250]	100.00[2540]	998	878	1591	1711	32.06[14.56]
	302SC083YJ22	83	115.19[2926]	364.17[9250]	100.00[2540]	998	878	1591	1711	34.72[15.77]
	302SC083EE22	83	116.65[2963]	364.17[9250]	100.00[2540]	998	878	1591	1711	32.66[14.83]
	302SC088SJ22	88	118.77[3017]	385.43[9790]	105.11[2670]	1048	921	1669	1795	34.24[15.55]
	302SC088EJ22	88	120.03[3049]	385.43[9790]	105.11[2670]	1048	921	1669	1795	33.74[15.32]
	302SC088YJ22	88	120.31[3056]	385.43[9790]	105.11[2670]	1048	921	1669	1795	36.40[16.53]
	302SC088EE22	88	121.77[3093]	385.43[9790]	105.11[2670]	1048	921	1669	1795	34.32[15.59]
	302SS083SJ22	83	119.13[3026]	426.37[10830]	105.51[2680]	1051	924	1674	1801	35.14[15.96]
	302SS083EJ22	83	120.39[3058]	426.37[10830]	105.51[2680]	1051	924	1674	1801	34.64[15.73]
	302SS083YJ22	83	120.66[3065]	426.37[10830]	105.51[2680]	1051	924	1674	1801	37.30[16.94]
	302SS083EE22	83	122.12[3102]	426.37[10830]	105.51[2680]	1051	924	1674	1801	35.24[16.00]
	302SL100SJ22	100	118.93[3021]	436.22[11080]	105.51[2680]	1049	923	1671	1798	38.12[17.31]
	302SL100EJ22	100	120.19[3053]	436.22[11080]	105.51[2680]	1049	923	1671	1798	37.62[17.08]
	302SL100YJ22	100	120.47[3060]	436.22[11080]	105.51[2680]	1049	923	1671	1798	40.28[18.29]
	302SL100EE22	100	121.92[3097]	436.22[11080]	105.51[2680]	1049	923	1671	1798	38.20[17.35]
	302SE101SJ22	101	118.97[3022]	487.40[12380]	105.51[2680]	1050	923	1672	1799	39.26[17.83]
	302SE101EJ22	101	120.23[3054]	487.40[12380]	105.51[2680]	1050	923	1672	1799	38.78[17.61]
	302SE101YJ22	101	120.51[3061]	487.40[12380]	105.51[2680]	1050	923	1672	1799	41.44[18.82]
	302SE101EE22	101	121.96[3098]	487.40[12380]	105.51[2680]	1050	923	1672	1799	39.36[17.87]
	302SM095SJ22	95	119.05[3024]	535.43[13600]	105.51[2680]	1050	924	1673	1800	43.50[19.75]
	302SM095EJ22	95	120.31[3056]	535.43[13600]	105.51[2680]	1050	924	1673	1800	43.00[19.53]
	302SM095YJ22	95	120.59[3063]	535.43[13600]	105.51[2680]	1050	924	1673	1800	45.68[20.74]
	302SM095EE22	95	122.04[3100]	535.43[13600]	105.51[2680]	1050	924	1673	1800	43.60[19.80]
	302SC091SJ22	91	123.30[3132]	398.81[10130]	109.84[2790]	1092	960	1737	1870	34.94[15.87]
	302SC091EJ22	91	124.56[3164]	398.81[10130]	109.84[2790]	1092	960	1737	1870	34.46[15.65]
	302SC091YJ22	91	124.84[3171]	398.81[10130]	109.84[2790]	1092	960	1737	1870	37.12[16.86]

ANSI 30Kips

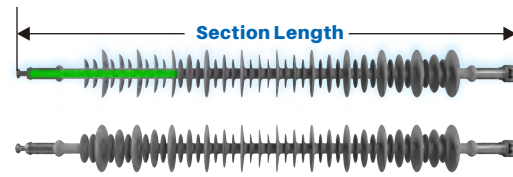
Composite Suspension Insulators Technical Data



Voltage Class [kV]	Catalogue No.	No. of Sheds	Section Length inch[mm]	Leakage Distance inch[mm]	Arcing Distance inch[mm]	Low Frequency Flashover [50Hz]		Critical Impulse Flashover		Approx. Weight lbs.[kg]
						Dry kV	Wet kV	Positive kV	Negative kV	
345	302SE121EE22	121	143.22[3638]	583.46[14820]	126.77[3220]	1256	1105	1995	2151	45.62[20.72]
	302SM116SJ22	116	140.23[3562]	651.18[16540]	126.77[3220]	1256	1105	1995	2151	51.28[23.29]
	302SM116EJ22	116	141.49[3594]	651.18[16540]	126.77[3220]	1256	1105	1995	2151	50.80[23.07]
	302SM116YJ22	116	141.77[3601]	651.18[16540]	126.77[3220]	1256	1105	1995	2151	53.48[24.28]
	302SM116EE22	116	143.22[3638]	651.18[16540]	126.77[3220]	1256	1105	1995	2151	51.38[23.33]
500	302SC114SJ34	114	149.48[3797]	497.63[12640]	135.03[3430]	1338	1177	2124	2291	44.40[20.16]
	302SC114EJ34	114	150.74[3829]	497.63[12640]	135.03[3430]	1338	1177	2124	2291	43.88[19.93]
	302SC114YJ34	114	151.02[3836]	497.63[12640]	135.03[3430]	1338	1177	2124	2291	46.56[21.14]
	302SC114EE34	114	152.48[3873]	497.63[12640]	135.03[3430]	1338	1177	2124	2291	44.48[20.20]
	302SS107SJ34	107	149.76[3804]	548.42[13930]	135.43[3440]	1341	1179	2128	2295	45.46[20.64]
	302SS107EJ34	107	151.02[3836]	548.42[13930]	135.43[3440]	1341	1179	2128	2295	44.94[20.41]
	302SS107YJ34	107	151.29[3843]	548.42[13930]	135.43[3440]	1341	1179	2128	2295	47.62[21.62]
	302SS107EE34	107	152.75[3880]	548.42[13930]	135.43[3440]	1341	1179	2128	2295	45.54[20.68]
	302SL130SJ34	130	149.64[3801]	565.35[14360]	135.43[3440]	1339	1178	2126	2294	49.50[22.48]
	302SL130EJ34	130	150.90[3833]	565.35[14360]	135.43[3440]	1339	1178	2126	2294	49.02[22.26]
	302SL130YJ34	130	151.18[3840]	565.35[14360]	135.43[3440]	1339	1178	2126	2294	51.68[23.47]
	302SL130EE34	130	152.63[3877]	565.35[14360]	135.43[3440]	1339	1178	2126	2294	49.60[22.52]
	302SE131SJ34	131	149.68[3802]	631.49[16040]	135.43[3440]	1340	1179	2127	2294	51.02[23.17]
	302SE131EJ34	131	150.94[3834]	631.49[16040]	135.43[3440]	1340	1179	2127	2294	50.52[22.94]
	302SE131YJ34	131	151.22[3841]	631.49[16040]	135.43[3440]	1340	1179	2127	2294	53.18[24.15]
	302SE131EE34	131	152.67[3878]	631.49[16040]	135.43[3440]	1340	1179	2127	2294	51.12[23.21]
	302SM123SJ34	123	149.52[3798]	691.73[17570]	135.03[3430]	1338	1177	2124	2292	56.44[25.63]
	302SM123YJ34	123	150.78[3830]	691.73[17570]	135.03[3430]	1338	1177	2124	2292	55.94[25.40]
	302SM123EJ34	123	151.06[3837]	691.73[17570]	135.03[3430]	1338	1177	2124	2292	58.60[26.61]
	302SM123EE34	123	152.51[3874]	691.73[17570]	135.03[3430]	1338	1177	2124	2292	56.54[25.67]
	302SC128SJ34	128	166.02[4217]	557.87[14170]	151.57[3850]	1498	1318	2375	2565	48.56[22.05]
	302SC128EJ34	128	167.28[4249]	557.87[14170]	151.57[3850]	1498	1318	2375	2565	48.06[21.82]
	302SC128YJ34	128	167.55[4256]	557.87[14170]	151.57[3850]	1498	1318	2375	2565	50.72[23.03]
	302SC128EE34	128	169.01[4293]	557.87[14170]	151.57[3850]	1498	1318	2375	2565	48.64[22.09]
	302SS120SJ34	120	166.14[4220]	613.77[15590]	151.96[3860]	1500	1319	2377	2567	49.84[22.63]
	302SS120EJ34	120	167.40[4252]	613.77[15590]	151.96[3860]	1500	1319	2377	2567	49.36[22.41]
	302SS120YJ34	120	167.67[4259]	613.77[15590]	151.96[3860]	1500	1319	2377	2567	52.02[23.62]
	302SS120EE34	120	169.13[4296]	613.77[15590]	151.96[3860]	1500	1319	2377	2567	49.94[22.68]
	302SL146SJ34	146	166.02[4217]	634.25[16110]	151.57[3850]	1498	1318	2375	2565	54.30[24.66]
	302SL146EJ34	146	167.28[4249]	634.25[16110]	151.57[3850]	1498	1318	2375	2565	53.80[24.43]
	302SL146YJ34	146	167.55[4256]	634.25[16110]	151.57[3850]	1498	1318	2375	2565	56.46[25.64]
	302SL146EE34	146	169.01[4293]	634.25[16110]	151.57[3850]	1498	1318	2375	2565	54.40[24.70]
	302SE147SJ34	147	166.06[4218]	707.87[17980]	151.57[3850]	1499	1318	2376	2565	55.98[25.42]
	302SE147EJ34	147	167.32[4250]	707.87[17980]	151.57[3850]	1499	1318	2376	2565	55.50[25.20]
	302SE147YJ34	147	167.59[4257]	707.87[17980]	151.57[3850]	1499	1318	2376	2565	58.16[26.41]
	302SE147EE34	147	169.05[4294]	707.87[17980]	151.57[3850]	1499	1318	2376	2565	56.10[25.47]
	302SM139SJ34	139	166.18[4221]	779.92[19810]	151.96[3860]	1500	1319	2378	2567	62.42[28.34]
	302SM139YJ34	139	167.44[4253]	779.92[19810]	151.96[3860]	1500	1319	2378	2567	61.90[28.11]
	302SM139EJ34	139	167.71[4260]	779.92[19810]	151.96[3860]	1500	1319	2378	2567	64.58[29.32]

ANSI 30Kips

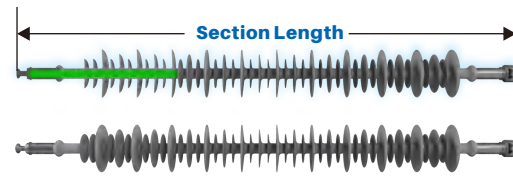
Composite Suspension Insulators Technical Data



Voltage Class [kV]	Catalogue No.	No. of Sheds	Section Length inch[mm]	Leakage Distance inch[mm]	Arcing Distance inch[mm]	Low Frequency Flashover [50Hz]		Critical Impulse Flashover		Approx. Weight lbs.[kg]
						Dry kV	Wet kV	Positive kV	Negative kV	
500	302SM139EE34	139	169.17[4297]	779.92[19810]	151.96[3860]	1500	1319	2378	2567	62.50[28.38]
	302SC133SJ34	133	172.91[4392]	578.74[14700]	158.66[4030]	1565	1377	2480	2679	49.86[22.64]
	302SC133EJ34	133	174.17[4424]	578.74[14700]	158.66[4030]	1565	1377	2480	2679	49.36[22.41]
	302SC133YJ34	133	174.44[4431]	578.74[14700]	158.66[4030]	1565	1377	2480	2679	52.04[23.63]
	302SC133EE34	133	175.90[4468]	578.74[14700]	158.66[4030]	1565	1377	2480	2679	49.94[22.68]
	302SC137SJ34	137	178.42[4532]	596.85[15160]	164.17[4170]	1619	1424	2564	2770	51.10[23.20]
	302SC137EJ34	137	179.68[4564]	596.85[15160]	164.17[4170]	1619	1424	2564	2770	50.58[22.97]
	302SC137YJ34	137	179.96[4571]	596.85[15160]	164.17[4170]	1619	1424	2564	2770	53.28[24.19]
	302SC137EE34	137	181.41[4608]	596.85[15160]	164.17[4170]	1619	1424	2564	2770	51.18[23.24]
	302SS129SJ34	129	178.26[4528]	660.23[16770]	163.77[4160]	1617	1422	2562	2768	52.84[23.99]
	302SS129EJ34	129	179.52[4560]	660.23[16770]	163.77[4160]	1617	1422	2562	2768	52.34[23.77]
	302SS129YJ34	129	179.80[4567]	660.23[16770]	163.77[4160]	1617	1422	2562	2768	55.02[24.98]
	302SS129EE34	129	181.25[4604]	660.23[16770]	163.77[4160]	1617	1422	2562	2768	52.92[24.03]
	302SL158SJ34	158	178.30[4529]	685.43[17410]	163.77[4160]	1618	1423	2562	2768	57.90[26.29]
	302SL158EJ34	158	179.56[4561]	685.43[17410]	163.77[4160]	1618	1423	2562	2768	57.40[26.06]
	302SL158YJ34	158	179.84[4568]	685.43[17410]	163.77[4160]	1618	1423	2562	2768	60.06[27.27]
	302SL158EE34	158	181.29[4605]	685.43[17410]	163.77[4160]	1618	1423	2562	2768	57.98[26.33]
	302SE159SJ34	159	178.34[4530]	764.96[19430]	164.17[4170]	1618	1423	2563	2769	59.72[27.12]
	302SE159EJ34	159	179.60[4562]	764.96[19430]	164.17[4170]	1618	1423	2563	2769	59.22[26.89]
	302SE159YJ34	159	179.88[4569]	764.96[19430]	164.17[4170]	1618	1423	2563	2769	61.88[28.10]
	302SE159EE34	159	181.33[4606]	764.96[19430]	164.17[4170]	1618	1423	2563	2769	59.82[27.16]
	302SM149SJ34	149	178.18[4526]	837.00[21260]	163.77[4160]	1616	1422	2560	2766	66.22[30.07]
	302SM149YJ34	149	179.44[4558]	837.00[21260]	163.77[4160]	1616	1422	2560	2766	65.74[29.85]
	302SM149EJ34	149	179.72[4565]	837.00[21260]	163.77[4160]	1616	1422	2560	2766	68.40[31.06]
	302SM149EE34	149	181.18[4602]	837.00[21260]	163.77[4160]	1616	1422	2560	2766	66.34[30.12]
	302SC146SJ34	146	188.07[4777]	636.61[16170]	173.62[4410]	1712	1506	2711	2930	53.94[24.49]
	302SC146EJ34	146	189.33[4809]	636.61[16170]	173.62[4410]	1712	1506	2711	2930	53.44[24.27]
	302SC146YJ34	146	189.60[4816]	636.61[16170]	173.62[4410]	1712	1506	2711	2930	56.12[25.48]
	302SC146EE34	146	191.06[4853]	636.61[16170]	173.62[4410]	1712	1506	2711	2930	54.04[24.54]

ANSI 50Kips

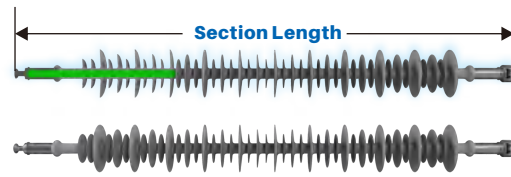
Composite Suspension Insulators Technical Data



Voltage Class [kV]	Catalogue No.	No. of Sheds	Section Length inch[mm]	Leakage Distance inch[mm]	Arcing Distance inch[mm]	Low Frequency Flashover [50Hz]		Critical Impulse Flashover		Approx. Weight lbs.[kg]
						Dry kV	Wet kV	Positive kV	Negative kV	
69/115	502SS023SK00	23	46.92[1192]	123.22[3130]	33.07[840]	348	306	572	602	14.38[6.53]
	502SS023EK00	23	48.11[1222]	123.22[3130]	33.07[840]	348	306	572	602	14.30[6.49]
	502SS023YK00	23	48.22[1225]	123.22[3130]	33.07[840]	348	306	572	602	15.72[7.14]
	502SS023EE00	23	49.76[1264]	123.22[3130]	33.07[840]	348	306	572	602	15.78[7.16]
	502SC026SK00	26	48.14[1223]	118.50[3010]	34.25[870]	360	317	590	622	14.67[6.66]
	502SC026EK00	26	49.33[1253]	118.50[3010]	34.25[870]	360	317	590	622	14.59[6.62]
	502SC026YK00	26	49.44[1256]	118.50[3010]	34.25[870]	360	317	590	622	16.01[7.27]
	502SC026EE00	26	50.98[1295]	118.50[3010]	34.25[870]	360	317	590	622	16.07[7.29]
	502SC028SK00	28	50.51[1283]	126.77[3220]	36.61[930]	383	337	626	661	15.27[6.93]
	502SC028EK00	28	51.69[1313]	126.77[3220]	36.61[930]	383	337	626	661	15.18[6.89]
	502SC028YK00	28	51.81[1316]	126.77[3220]	36.61[930]	383	337	626	661	16.61[7.54]
	502SC028EE00	28	53.34[1355]	126.77[3220]	36.61[930]	383	337	626	661	16.67[7.56]
	502SS026SK00	26	50.31[1278]	137.79[3500]	36.61[930]	381	335	623	658	15.34[6.96]
	502SS026EK00	26	51.49[1308]	137.79[3500]	36.61[930]	381	335	623	658	15.26[6.93]
	502SS026YK00	26	51.61[1311]	137.79[3500]	36.61[930]	381	335	623	658	16.69[7.57]
	502SS026EE00	26	53.14[1350]	137.79[3500]	36.61[930]	381	335	623	658	16.74[7.6]
	502SC030SK00	30	54.64[1388]	137.40[3490]	40.94[1040]	423	372	689	729	15.96[7.24]
	502SC030EK00	30	55.82[1418]	137.40[3490]	40.94[1040]	423	372	689	729	15.88[7.21]
	502SC030YK00	30	55.94[1421]	137.40[3490]	40.94[1040]	423	372	689	729	17.30[7.85]
	502SC030EE00	30	57.48[1460]	137.40[3490]	40.94[1040]	423	372	689	729	17.36[7.88]
115/138	502SC032SK00	32	55.23[1403]	144.09[3660]	41.33[1050]	429	377	698	739	16.45[7.47]
	502SC032EK00	32	56.41[1433]	144.09[3660]	41.33[1050]	429	377	698	739	16.37[7.43]
	502SC032YK00	32	56.53[1436]	144.09[3660]	41.33[1050]	429	377	698	739	17.80[8.08]
	502SC032EE00	32	58.07[1475]	144.09[3660]	41.33[1050]	429	377	698	739	17.86[8.1]
	502SS030SK00	30	55.35[1406]	157.87[4010]	41.73[1060]	430	378	700	741	16.78[7.62]
	502SS030EK00	30	56.53[1436]	157.87[4010]	41.73[1060]	430	378	700	741	16.70[7.58]
	502SS030YK00	30	56.65[1439]	157.87[4010]	41.73[1060]	430	378	700	741	18.12[8.23]
	502SS030EE00	30	58.18[1478]	157.87[4010]	41.73[1060]	430	378	700	741	18.18[8.25]
138	502SC036SK00	36	59.96[1523]	161.02[4090]	46.06[1170]	475	417	770	817	17.64[8.01]
	502SC036EK00	36	61.14[1553]	161.02[4090]	46.06[1170]	475	417	770	817	17.56[7.97]
	502SC036YK00	36	61.25[1556]	161.02[4090]	46.06[1170]	475	417	770	817	18.99[8.62]
	502SC036EE00	36	62.79[1595]	161.02[4090]	46.06[1170]	475	417	770	817	19.04[8.64]
	502SS033SK00	33	59.92[1522]	174.01[4420]	46.06[1170]	474	417	769	817	17.81[8.08]
	502SS033EK00	33	61.10[1552]	174.01[4420]	46.06[1170]	474	417	769	817	17.73[8.05]
	502SS033YK00	33	61.22[1555]	174.01[4420]	46.06[1170]	474	417	769	817	19.15[8.69]
	502SS033EE00	33	62.75[1594]	174.01[4420]	46.06[1170]	474	417	769	817	19.21[8.72]
	502SL040SK00	40	60.11[1527]	178.74[4540]	46.45[1180]	476	419	772	820	19.01[8.63]
	502SL040EK00	40	61.29[1557]	178.74[4540]	46.45[1180]	476	419	772	820	18.93[8.59]
	502SL040YK00	40	61.41[1560]	178.74[4540]	46.45[1180]	476	419	772	820	20.36[9.24]
	502SL040EE00	40	62.95[1599]	178.74[4540]	46.45[1180]	476	419	772	820	20.41[9.27]
	502SM040SK00	40	60.03[1525]	227.55[5780]	46.06[1170]	475	418	771	819	21.60[9.81]
	502SM040EK00	40	61.22[1555]	227.55[5780]	46.06[1170]	475	418	771	819	21.52[9.77]
	502SM040YK00	40	61.33[1558]	227.55[5780]	46.06[1170]	475	418	771	819	22.94[10.41]
	502SM040EE00	40	62.87[1597]	227.55[5780]	46.06[1170]	475	418	771	819	23.00[10.44]

ANSI 50Kips

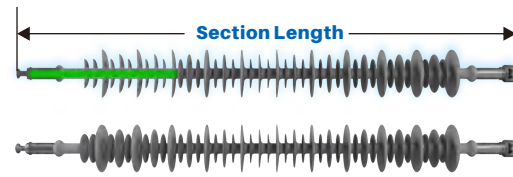
Composite Suspension Insulators Technical Data



Voltage Class [kV]	Catalogue No.	No. of Sheds	Section Length inch[mm]	Leakage Distance inch[mm]	Arcing Distance inch[mm]	Low Frequency Flashover [50Hz]		Critical Impulse Flashover		Approx. Weight lbs.[kg]
						Dry kV	Wet kV	Positive kV	Negative kV	
138	502SC039SK00	39	64.48[1638]	174.80[4440]	50.78[1290]	519	456	839	892	18.36[8.33]
	502SC039EK00	39	65.66[1668]	174.80[4440]	50.78[1290]	519	456	839	892	18.28[8.3]
	502SC039YK00	39	65.78[1671]	174.80[4440]	50.78[1290]	519	456	839	892	19.70[8.94]
	502SC039EE00	39	67.32[1710]	174.80[4440]	50.78[1290]	519	456	839	892	19.76[8.97]
	502SC042SK00	42	67.04[1703]	187.40[4760]	53.14[1350]	543	478	878	935	19.43[8.82]
	502SC042EK00	42	68.22[1733]	187.40[4760]	53.14[1350]	543	478	878	935	19.35[8.78]
	502SC042YK00	42	68.34[1736]	187.40[4760]	53.14[1350]	543	478	878	935	20.77[9.43]
	502SC042EE00	42	69.88[1775]	187.40[4760]	53.14[1350]	543	478	878	935	20.83[9.45]
	502SS039SK00	39	67.08[1704]	203.93[5180]	53.14[1350]	544	478	878	935	19.76[8.97]
	502SS039EK00	39	68.26[1734]	203.93[5180]	53.14[1350]	544	478	878	935	19.67[8.93]
	502SS039YK00	39	68.38[1737]	203.93[5180]	53.14[1350]	544	478	878	935	21.10[9.58]
	502SS039EE00	39	69.92[1776]	203.93[5180]	53.14[1350]	544	478	878	935	21.16[9.6]
	502SL047SK00	47	66.88[1699]	208.26[5290]	53.14[1350]	542	477	875	932	20.85[9.46]
	502SL047EK00	47	68.07[1729]	208.26[5290]	53.14[1350]	542	477	875	932	20.76[9.42]
	502SL047YK00	47	68.18[1732]	208.26[5290]	53.14[1350]	542	477	875	932	22.19[10.07]
	502SL047EE00	47	69.72[1771]	208.26[5290]	53.14[1350]	542	477	875	932	22.25[10.1]
	502SE047SK00	47	67.08[1704]	231.10[5870]	53.14[1350]	544	478	878	935	21.39[9.71]
	502SE047EK00	47	68.26[1734]	231.10[5870]	53.14[1350]	544	478	878	935	21.31[9.67]
	502SE047YK00	47	68.38[1737]	231.10[5870]	53.14[1350]	544	478	878	935	22.73[10.32]
	502SE047EE00	47	69.92[1776]	231.10[5870]	53.14[1350]	544	478	878	935	22.79[10.34]
	502SM046SK00	46	67.24[1708]	261.41[6640]	53.54[1360]	545	480	881	938	23.90[10.85]
	502SM046EK00	46	68.42[1738]	261.41[6640]	53.54[1360]	545	480	881	938	23.81[10.81]
	502SM046YK00	46	68.54[1741]	261.41[6640]	53.54[1360]	545	480	881	938	25.24[11.45]
	502SM046EE00	46	70.07[1780]	261.41[6640]	53.54[1360]	545	480	881	938	25.30[11.48]
161	502SC042SK01	42	67.04[1703]	187.40[4760]	52.36[1330]	534	470	863	918	20.42[9.27]
	502SC042EK01	42	68.22[1733]	187.40[4760]	52.36[1330]	534	470	863	918	20.34[9.23]
	502SC042YK01	42	68.34[1736]	187.40[4760]	52.36[1330]	534	470	863	918	21.76[9.88]
	502SC042EE01	42	69.88[1775]	187.40[4760]	52.36[1330]	534	470	863	918	21.82[9.9]
	502SS039SK01	39	67.08[1704]	203.93[5180]	52.36[1330]	534	470	863	919	20.75[9.42]
	502SS039EK01	39	68.26[1734]	203.93[5180]	52.36[1330]	534	470	863	919	20.67[9.38]
	502SS039YK01	39	68.38[1737]	203.93[5180]	52.36[1330]	534	470	863	919	22.09[10.03]
	502SS039EE01	39	69.92[1776]	203.93[5180]	52.36[1330]	534	470	863	919	22.15[10.05]
	502SL047SK01	47	66.88[1699]	208.26[5290]	51.96[1320]	532	468	860	916	21.84[9.91]
	502SL047EK01	47	68.07[1729]	208.26[5290]	51.96[1320]	532	468	860	916	21.76[9.87]
	502SL047YK01	47	68.18[1732]	208.26[5290]	51.96[1320]	532	468	860	916	23.18[10.52]
	502SL047EE01	47	69.72[1771]	208.26[5290]	51.96[1320]	532	468	860	916	23.24[10.55]
	502SE047SK01	47	67.08[1704]	231.10[5870]	52.36[1330]	534	470	863	919	22.38[10.16]
	502SE047EK01	47	68.26[1734]	231.10[5870]	52.36[1330]	534	470	863	919	22.30[10.12]
	502SE047YK01	47	68.38[1737]	231.10[5870]	52.36[1330]	534	470	863	919	23.72[10.77]
	502SE047EE01	47	69.92[1776]	231.10[5870]	52.36[1330]	534	470	863	919	23.78[10.79]
	502SM046SK01	46	67.24[1708]	261.41[6640]	52.36[1330]	536	471	866	922	24.89[11.3]
	502SM046EK01	46	68.42[1738]	261.41[6640]	52.36[1330]	536	471	866	922	24.81[11.26]
	502SM046YK01	46	68.54[1741]	261.41[6640]	52.36[1330]	536	471	866	922	26.23[11.9]
	502SM046EE01	46	70.07[1780]	261.41[6640]	52.36[1330]	536	471	866	922	26.29[11.93]

ANSI 50Kips

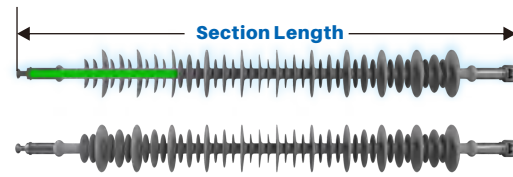
Composite Suspension Insulators Technical Data



Voltage Class [kV]	Catalogue No.	No. of Sheds	Section Length inch[mm]	Leakage Distance inch[mm]	Arcing Distance inch[mm]	Low Frequency Flashover [50Hz]		Critical Impulse Flashover		Approx. Weight lbs.[kg]
						Dry kV	Wet kV	Positive kV	Negative kV	
161	502SC047SK01	47	72.95[1853]	208.26[5290]	58.26[1480]	591	520	953	1016	21.67[9.84]
	502SC047EK01	47	74.13[1883]	208.26[5290]	58.26[1480]	591	520	953	1016	21.59[9.8]
	502SC047YK01	47	74.25[1886]	208.26[5290]	58.26[1480]	591	520	953	1016	23.02[10.45]
	502SC047EE01	47	75.78[1925]	208.26[5290]	58.26[1480]	591	520	953	1016	23.08[10.47]
	502SS044SK01	44	72.99[1854]	229.13[5820]	58.26[1480]	592	520	953	1017	22.24[10.09]
	502SS044EK01	44	74.17[1884]	229.13[5820]	58.26[1480]	592	520	953	1017	22.15[10.06]
	502SS044YK01	44	74.29[1887]	229.13[5820]	58.26[1480]	592	520	953	1017	23.58[10.7]
	502SS044EE01	44	75.82[1926]	229.13[5820]	58.26[1480]	592	520	953	1017	23.64[10.73]
	502SL053SK01	53	72.83[1850]	233.07[5920]	57.87[1470]	590	519	951	1014	23.62[10.72]
	502SL053EK01	53	74.01[1880]	233.07[5920]	57.87[1470]	590	519	951	1014	23.54[10.68]
	502SL053YK01	53	74.13[1883]	233.07[5920]	57.87[1470]	590	519	951	1014	24.96[11.33]
	502SL053EE01	53	75.66[1922]	233.07[5920]	57.87[1470]	590	519	951	1014	25.02[11.36]
	502SE054SK01	54	72.67[1846]	263.77[6700]	57.87[1470]	588	518	949	1012	24.72[11.22]
	502SE054EK01	54	73.85[1876]	263.77[6700]	57.87[1470]	588	518	949	1012	24.64[11.18]
	502SE054YK01	54	73.97[1879]	263.77[6700]	57.87[1470]	588	518	949	1012	26.06[11.83]
	502SE054EE01	54	75.51[1918]	263.77[6700]	57.87[1470]	588	518	949	1012	26.12[11.86]
	502SM052SK01	52	72.87[1851]	294.09[7470]	58.26[1480]	590	519	952	1015	27.09[12.3]
	502SM052EK01	52	74.05[1881]	294.09[7470]	58.26[1480]	590	519	952	1015	27.01[12.26]
	502SM052YK01	52	74.17[1884]	294.09[7470]	58.26[1480]	590	519	952	1015	28.43[12.91]
	502SM052EE01	52	75.70[1923]	294.09[7470]	58.26[1480]	590	519	952	1015	28.49[12.93]
	502SC048SK01	48	74.13[1883]	212.99[5410]	59.44[1510]	603	530	971	1036	22.20[10.08]
	502SC048EK01	48	75.31[1913]	212.99[5410]	59.44[1510]	603	530	971	1036	22.12[10.04]
	502SC048YK01	48	75.43[1916]	212.99[5410]	59.44[1510]	603	530	971	1036	23.54[10.69]
	502SC048EE01	48	76.96[1955]	212.99[5410]	59.44[1510]	603	530	971	1036	23.60[10.71]
	502SS045SK01	45	74.25[1886]	233.85[5940]	59.44[1510]	604	531	972	1038	22.69[10.3]
	502SS045EK01	45	75.43[1916]	233.85[5940]	59.44[1510]	604	531	972	1038	22.61[10.26]
	502SS045YK01	45	75.55[1919]	233.85[5940]	59.44[1510]	604	531	972	1038	24.03[10.91]
	502SS045EE01	45	77.08[1958]	233.85[5940]	59.44[1510]	604	531	972	1038	24.09[10.94]
	502SL054SK01	54	74.05[1881]	238.97[6070]	59.44[1510]	602	529	969	1035	24.17[10.97]
	502SL054EK01	54	75.23[1911]	238.97[6070]	59.44[1510]	602	529	969	1035	24.09[10.93]
	502SL054YK01	54	75.35[1914]	238.97[6070]	59.44[1510]	602	529	969	1035	25.51[11.58]
	502SL054EE01	54	76.88[1953]	238.97[6070]	59.44[1510]	602	529	969	1035	25.57[11.61]
	502SE055SK01	55	74.48[1892]	268.50[6820]	59.84[1520]	606	533	976	1042	24.82[11.27]
	502SE055EK01	55	75.66[1922]	268.50[6820]	59.84[1520]	606	533	976	1042	24.74[11.23]
	502SE055YK01	55	75.78[1925]	268.50[6820]	59.84[1520]	606	533	976	1042	26.16[11.88]
	502SE055EE01	55	77.32[1964]	268.50[6820]	59.84[1520]	606	533	976	1042	26.22[11.9]
	502SM053SK01	53	74.37[1889]	299.60[7610]	59.44[1510]	605	532	974	1040	27.49[12.48]
	502SM053EK01	53	75.55[1919]	299.60[7610]	59.44[1510]	605	532	974	1040	27.41[12.44]
	502SM053YK01	53	75.66[1922]	299.60[7610]	59.44[1510]	605	532	974	1040	28.83[13.09]
	502SM053EE01	53	77.20[1961]	299.60[7610]	59.44[1510]	605	532	974	1040	28.89[13.11]
	502SC047SK01	47	74.72[1898]	209.84[5330]	59.84[1520]	608	535	980	1046	21.78[9.88]
	502SC047EK01	47	75.90[1928]	209.84[5330]	59.84[1520]	608	535	980	1046	21.69[9.85]
	502SC047YK01	47	76.02[1931]	209.84[5330]	59.84[1520]	608	535	980	1046	23.12[10.49]
	502SC047EE01	47	77.55[1970]	209.84[5330]	59.84[1520]	608	535	980	1046	23.18[10.52]

ANSI 50Kips

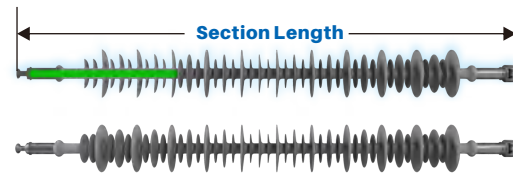
Composite Suspension Insulators Technical Data



Voltage Class [kV]	Catalogue No.	No. of Sheds	Section Length inch[mm]	Leakage Distance inch[mm]	Arcing Distance inch[mm]	Low Frequency Flashover [50Hz]		Critical Impulse Flashover		Approx. Weight lbs.[kg]
						Dry kV	Wet kV	Positive kV	Negative kV	
161	502SC052SK01	52	78.85[2003]	230.31[5850]	64.17[1630]	648	570	1043	1114	23.39[10.62]
	502SC052EK01	52	80.03[2033]	230.31[5850]	64.17[1630]	648	570	1043	1114	23.31[10.58]
	502SC052YE01	52	80.15[2036]	230.31[5850]	64.17[1630]	648	570	1043	1114	24.73[11.23]
	502SC052EE01	52	81.69[2075]	230.31[5850]	64.17[1630]	648	570	1043	1114	24.79[11.25]
	502SS048SK01	48	78.81[2002]	250.00[6350]	64.17[1630]	648	570	1042	1113	23.72[10.77]
	502SS048EK01	48	80.00[2032]	250.00[6350]	64.17[1630]	648	570	1042	1113	23.64[10.73]
	502SS048YK01	48	80.11[2035]	250.00[6350]	64.17[1630]	648	570	1042	1113	25.06[11.37]
	502SS048EE01	48	81.65[2074]	250.00[6350]	64.17[1630]	648	570	1042	1113	25.12[11.4]
	502SL059SK01	59	78.97[2006]	259.44[6590]	64.17[1630]	650	571	1044	1116	25.42[11.54]
	502SL059EK01	59	80.15[2036]	259.44[6590]	64.17[1630]	650	571	1044	1116	25.34[11.5]
	502SL059YK01	59	80.27[2039]	259.44[6590]	64.17[1630]	650	571	1044	1116	26.76[12.15]
	502SL059EE01	59	81.81[2078]	259.44[6590]	64.17[1630]	650	571	1044	1116	26.82[12.17]
	502SE060SK01	60	78.81[2002]	292.12[7420]	64.17[1630]	648	570	1042	1113	26.58[12.07]
	502SE060EK01	60	80.00[2032]	292.12[7420]	64.17[1630]	648	570	1042	1113	26.50[12.03]
	502SE060YK01	60	80.11[2035]	292.12[7420]	64.17[1630]	648	570	1042	1113	27.93[12.68]
	502SE060EE01	60	81.65[2074]	292.12[7420]	64.17[1630]	648	570	1042	1113	27.99[12.7]
	502SM057SK01	57	78.77[2001]	322.04[8180]	64.17[1630]	648	570	1041	1113	28.99[13.16]
	502SM057EK01	57	79.96[2031]	322.04[8180]	64.17[1630]	648	570	1041	1113	28.91[13.12]
	502SM057YK01	57	80.07[2034]	322.04[8180]	64.17[1630]	648	570	1041	1113	30.34[13.77]
	502SM057EE01	57	81.61[2073]	322.04[8180]	64.17[1630]	648	570	1041	1113	30.40[13.8]
	502SC056SK01	56	83.58[2123]	247.24[6280]	68.89[1750]	694	611	1114	1192	24.58[11.16]
	502SC056EK01	56	84.76[2153]	247.24[6280]	68.89[1750]	694	611	1114	1192	24.50[11.12]
	502SC056YK01	56	84.88[2156]	247.24[6280]	68.89[1750]	694	611	1114	1192	25.92[11.77]
	502SC056EE01	56	86.41[2195]	247.24[6280]	68.89[1750]	694	611	1114	1192	25.98[11.79]
	502SS053SK01	53	83.54[2122]	274.01[6960]	68.89[1750]	694	610	1114	1192	25.14[11.41]
	502SS053EK01	53	84.72[2152]	274.01[6960]	68.89[1750]	694	610	1114	1192	25.06[11.37]
	502SS053YK01	53	84.84[2155]	274.01[6960]	68.89[1750]	694	610	1114	1192	26.48[12.02]
	502SS053EE01	53	86.37[2194]	274.01[6960]	68.89[1750]	694	610	1114	1192	26.54[12.05]
	502SL063SK01	63	83.66[2125]	277.16[7040]	68.89[1750]	695	611	1116	1194	26.65[12.1]
	502SL063EK01	63	84.84[2155]	277.16[7040]	68.89[1750]	695	611	1116	1194	26.57[12.06]
	502SL063YK01	63	84.96[2158]	277.16[7040]	68.89[1750]	695	611	1116	1194	27.99[12.7]
	502SL063EE01	63	86.49[2197]	277.16[7040]	68.89[1750]	695	611	1116	1194	28.05[12.73]
	502SE064SK01	64	83.70[2126]	311.81[7920]	68.89[1750]	695	612	1116	1194	27.87[12.65]
	502SE064EK01	64	84.88[2156]	311.81[7920]	68.89[1750]	695	612	1116	1194	27.79[12.61]
	502SE064YK01	64	85.00[2159]	311.81[7920]	68.89[1750]	695	612	1116	1194	29.21[13.26]
	502SE064EE01	64	86.53[2198]	311.81[7920]	68.89[1750]	695	612	1116	1194	29.27[13.29]
	502SM061SK01	61	83.77[2128]	344.88[8760]	68.89[1750]	696	612	1117	1196	30.53[13.86]
	502SM061EK01	61	84.96[2158]	344.88[8760]	68.89[1750]	696	612	1117	1196	30.45[13.82]
	502SM061YK01	61	85.07[2161]	344.88[8760]	68.89[1750]	696	612	1117	1196	31.88[14.47]
	502SM061EE01	61	86.61[2200]	344.88[8760]	68.89[1750]	696	612	1117	1196	31.93[14.5]
230	502SC056SK02	56	83.58[2123]	247.24[6280]	68.50[1740]	692	609	1111	1189	25.13[11.41]
	502SC056EK02	56	84.76[2153]	247.24[6280]	68.50[1740]	692	609	1111	1189	25.05[11.37]
	502SC056YK02	56	84.88[2156]	247.24[6280]	68.50[1740]	692	609	1111	1189	26.47[12.02]
	502SC056EE02	56	86.41[2195]	247.24[6280]	68.50[1740]	692	609	1111	1189	26.53[12.04]

ANSI 50Kips

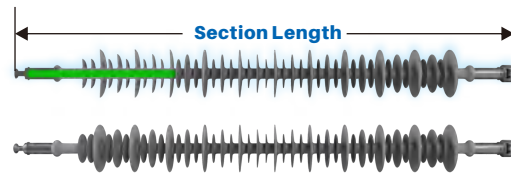
Composite Suspension Insulators Technical Data



Voltage Class [kV]	Catalogue No.	No. of Sheds	Section Length inch[mm]	Leakage Distance inch[mm]	Arcing Distance inch[mm]	Low Frequency Flashover [50Hz]		Critical Impulse Flashover		Approx. Weight lbs.[kg]
						Dry kV	Wet kV	Positive kV	Negative kV	
230	502SS053SK02	53	83.54[2122]	274.01[6960]	68.50[1740]	692	609	1111	1188	25.69[11.66]
	502SS053EK02	53	84.72[2152]	274.01[6960]	68.50[1740]	692	609	1111	1188	25.61[11.62]
	502SS053YK02	53	84.84[2155]	274.01[6960]	68.50[1740]	692	609	1111	1188	27.03[12.27]
	502SS053EE02	53	86.37[2194]	274.01[6960]	68.50[1740]	692	609	1111	1188	27.09[12.3]
	502SL063SK02	63	83.66[2125]	277.16[7040]	68.50[1740]	693	610	1113	1190	27.20[12.35]
	502SL063EK02	63	84.84[2155]	277.16[7040]	68.50[1740]	693	610	1113	1190	27.12[12.31]
	502SL063YK02	63	84.96[2158]	277.16[7040]	68.50[1740]	693	610	1113	1190	28.54[12.95]
	502SL063EE02	63	86.49[2197]	277.16[7040]	68.50[1740]	693	610	1113	1190	28.60[12.98]
	502SE064SK02	64	83.70[2126]	311.81[7920]	68.89[1750]	694	610	1113	1191	28.42[12.9]
	502SE064EK02	64	84.88[2156]	311.81[7920]	68.89[1750]	694	610	1113	1191	28.34[12.86]
	502SE064YK02	64	85.00[2159]	311.81[7920]	68.89[1750]	694	610	1113	1191	29.77[13.51]
	502SE064EE02	64	86.53[2198]	311.81[7920]	68.89[1750]	694	610	1113	1191	29.82[13.54]
	502SM061SK02	61	83.77[2128]	344.88[8760]	68.89[1750]	694	611	1114	1192	31.08[14.11]
	502SM061EK02	61	84.96[2158]	344.88[8760]	68.89[1750]	694	611	1114	1192	31.00[14.07]
	502SM061YK02	61	85.07[2161]	344.88[8760]	68.89[1750]	694	611	1114	1192	32.43[14.72]
	502SM061EE02	61	86.61[2200]	344.88[8760]	68.89[1750]	694	611	1114	1192	32.49[14.75]
	502SC058SK02	58	87.71[2228]	258.26[6560]	72.83[1850]	732	644	1174	1258	25.83[11.72]
	502SC058EK02	58	88.89[2258]	258.26[6560]	72.83[1850]	732	644	1174	1258	25.74[11.69]
	502SC058YK02	58	89.01[2261]	258.26[6560]	72.83[1850]	732	644	1174	1258	27.17[12.33]
	502SC058EE02	58	90.55[2300]	258.26[6560]	72.83[1850]	732	644	1174	1258	27.23[12.36]
	502SC059SK02	59	88.89[2258]	261.81[6650]	74.01[1880]	744	654	1192	1277	25.89[11.75]
	502SC059EK02	59	90.07[2288]	261.81[6650]	74.01[1880]	744	654	1192	1277	25.81[11.72]
	502SC059YK02	59	90.19[2291]	261.81[6650]	74.01[1880]	744	654	1192	1277	27.23[12.36]
	502SC059EE02	59	91.73[2330]	261.81[6650]	74.01[1880]	744	654	1192	1277	27.29[12.39]
	502SC061SK02	61	89.48[2273]	267.32[6790]	74.40[1890]	750	659	1201	1287	26.39[11.98]
	502SC061EK02	61	90.66[2303]	267.32[6790]	74.40[1890]	750	659	1201	1287	26.31[11.94]
	502SC061YK02	61	90.78[2306]	267.32[6790]	74.40[1890]	750	659	1201	1287	27.73[12.59]
	502SC061EE02	61	92.32[2345]	267.32[6790]	74.40[1890]	750	659	1201	1287	27.79[12.61]
	502SS057SK02	57	89.37[2270]	294.48[7480]	74.40[1890]	749	658	1200	1285	27.18[12.33]
	502SS057EK02	57	90.55[2300]	294.48[7480]	74.40[1890]	749	658	1200	1285	27.09[12.3]
	502SS057YK02	57	90.66[2303]	294.48[7480]	74.40[1890]	749	658	1200	1285	28.52[12.94]
	502SS057EE02	57	92.20[2342]	294.48[7480]	74.40[1890]	749	658	1200	1285	28.58[12.97]
	502SL069SK02	69	89.40[2271]	301.96[7670]	74.40[1890]	749	659	1200	1286	28.97[13.15]
	502SL069EK02	69	90.59[2301]	301.96[7670]	74.40[1890]	749	659	1200	1286	28.89[13.11]
	502SL069YK02	69	90.70[2304]	301.96[7670]	74.40[1890]	749	659	1200	1286	30.31[13.76]
	502SL069EE02	69	92.24[2343]	301.96[7670]	74.40[1890]	749	659	1200	1286	30.37[13.79]
	502SE069SK02	69	89.60[2276]	335.43[8520]	74.80[1900]	751	660	1203	1289	29.77[13.51]
	502SE069EK02	69	90.78[2306]	335.43[8520]	74.80[1900]	751	660	1203	1289	29.69[13.48]
	502SE069YK02	69	90.90[2309]	335.43[8520]	74.80[1900]	751	660	1203	1289	31.11[14.12]
	502SE069EE02	69	92.44[2348]	335.43[8520]	74.80[1900]	751	660	1203	1289	31.17[14.15]
	502SM067SK02	67	89.40[2271]	377.55[9590]	74.40[1890]	749	659	1200	1286	33.29[15.11]
	502SM067EK02	67	90.59[2301]	377.55[9590]	74.40[1890]	749	659	1200	1286	33.21[15.07]
	502SM067YK02	67	90.70[2304]	377.55[9590]	74.40[1890]	749	659	1200	1286	34.63[15.72]
	502SM067EE02	67	92.24[2343]	377.55[9590]	74.40[1890]	749	659	1200	1286	34.69[15.75]

ANSI 50Kips

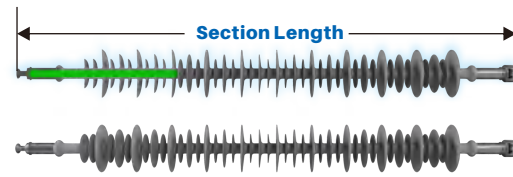
Composite Suspension Insulators Technical Data



Voltage Class [kV]	Catalogue No.	No. of Sheds	Section Length inch[mm]	Leakage Distance inch[mm]	Arcing Distance inch[mm]	Low Frequency Flashover [50Hz]		Critical Impulse Flashover		Approx. Weight lbs.[kg]
						Dry kV	Wet kV	Positive kV	Negative kV	
230	502SC062SK02	62	90.66[2303]	273.62[6950]	75.59[1920]	761	669	1219	1306	26.91[12.22]
	502SC062EK02	62	91.85[2333]	273.62[6950]	75.59[1920]	761	669	1219	1306	26.83[12.18]
	502SC062YK02	62	91.96[2336]	273.62[6950]	75.59[1920]	761	669	1219	1306	28.26[12.83]
	502SC062EE02	62	93.50[2375]	273.62[6950]	75.59[1920]	761	669	1219	1306	28.32[12.85]
	502SC063SK02	63	93.62[2378]	279.13[7090]	78.74[2000]	790	695	1264	1355	27.08[12.29]
	502SC063EK02	63	94.80[2408]	279.13[7090]	78.74[2000]	790	695	1264	1355	27.00[12.26]
	502SC063YK02	63	94.92[2411]	279.13[7090]	78.74[2000]	790	695	1264	1355	28.42[12.9]
	502SC063EE02	63	96.45[2450]	279.13[7090]	78.74[2000]	790	695	1264	1355	28.48[12.93]
	502SC066SK02	66	95.39[2423]	290.94[7390]	80.31[2040]	807	710	1291	1385	28.10[12.76]
	502SC066EK02	66	96.57[2453]	290.94[7390]	80.31[2040]	807	710	1291	1385	28.02[12.72]
	502SC066YK02	66	96.69[2456]	290.94[7390]	80.31[2040]	807	710	1291	1385	29.44[13.37]
	502SC066EE02	66	98.22[2495]	290.94[7390]	80.31[2040]	807	710	1291	1385	29.50[13.39]
	502SS062SK02	62	95.27[2420]	320.07[8130]	80.31[2040]	806	709	1289	1383	28.66[13.01]
	502SS062EK02	62	96.45[2450]	320.07[8130]	80.31[2040]	806	709	1289	1383	28.58[12.97]
	502SS062YK02	62	96.57[2453]	320.07[8130]	80.31[2040]	806	709	1289	1383	30.01[13.62]
	502SS062EE02	62	98.11[2492]	320.07[8130]	80.31[2040]	806	709	1289	1383	30.06[13.65]
	502SL075SK02	75	95.35[2422]	327.95[8330]	80.31[2040]	807	709	1291	1384	30.76[13.96]
	502SL075EK02	75	96.53[2452]	327.95[8330]	80.31[2040]	807	709	1291	1384	30.68[13.92]
	502SL075YK02	75	96.65[2455]	327.95[8330]	80.31[2040]	807	709	1291	1384	32.10[14.57]
	502SL075EE02	75	98.18[2494]	327.95[8330]	80.31[2040]	807	709	1291	1384	32.16[14.6]
	502SE076SK02	76	95.19[2418]	368.50[9360]	80.31[2040]	805	708	1288	1381	32.11[14.58]
	502SE076EK02	76	96.37[2448]	368.50[9360]	80.31[2040]	805	708	1288	1381	32.03[14.54]
	502SE076YK02	76	96.49[2451]	368.50[9360]	80.31[2040]	805	708	1288	1381	33.45[15.18]
	502SE076EE02	76	98.03[2490]	368.50[9360]	80.31[2040]	805	708	1288	1381	33.51[15.21]
	502SM071SK02	71	95.19[2418]	401.18[10190]	80.31[2040]	805	708	1288	1381	34.87[15.83]
	502SM071EK02	71	96.37[2448]	401.18[10190]	80.31[2040]	805	708	1288	1381	34.79[15.79]
	502SM071YK02	71	96.49[2451]	401.18[10190]	80.31[2040]	805	708	1288	1381	36.21[16.44]
	502SM071EE02	71	98.03[2490]	401.18[10190]	80.31[2040]	805	708	1288	1381	36.27[16.47]
	502SC070SK02	70	100.11[2543]	308.26[7830]	85.03[2160]	853	750	1363	1463	29.29[13.3]
	502SC070EK02	70	101.29[2573]	308.26[7830]	85.03[2160]	853	750	1363	1463	29.21[13.26]
	502SC070YK02	70	101.41[2576]	308.26[7830]	85.03[2160]	853	750	1363	1463	30.63[13.9]
	502SC070EE02	70	102.95[2615]	308.26[7830]	85.03[2160]	853	750	1363	1463	30.69[13.93]
	502SS065SK02	65	99.84[2536]	335.82[8530]	85.03[2160]	850	748	1359	1458	29.69[13.48]
	502SS065EK02	65	101.02[2566]	335.82[8530]	85.03[2160]	850	748	1359	1458	29.61[13.44]
	502SS065YK02	65	101.14[2569]	335.82[8530]	85.03[2160]	850	748	1359	1458	31.03[14.09]
	502SS065EE02	65	102.67[2608]	335.82[8530]	85.03[2160]	850	748	1359	1458	31.09[14.11]
	502SL079SK02	79	100.03[2541]	345.66[8780]	85.03[2160]	852	749	1362	1462	32.47[14.74]
	502SL079EK02	79	101.22[2571]	345.66[8780]	85.03[2160]	852	749	1362	1462	32.39[14.7]
	502SL079YK02	79	101.33[2574]	345.66[8780]	85.03[2160]	852	749	1362	1462	33.81[15.35]
	502SL079EE02	79	102.87[2613]	345.66[8780]	85.03[2160]	852	749	1362	1462	33.87[15.37]
	502SE080SK02	80	100.07[2542]	388.18[9860]	85.03[2160]	852	750	1362	1462	33.40[15.16]
	502SE080EK02	80	101.25[2572]	388.18[9860]	85.03[2160]	852	750	1362	1462	33.32[15.12]
	502SE080YK02	80	101.37[2575]	388.18[9860]	85.03[2160]	852	750	1362	1462	34.74[15.77]
	502SE080EE02	80	102.91[2614]	388.18[9860]	85.03[2160]	852	750	1362	1462	34.80[15.8]

ANSI 50Kips

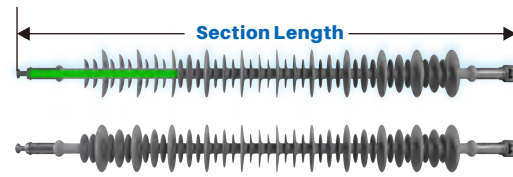
Composite Suspension Insulators Technical Data



Voltage Class [kV]	Catalogue No.	No. of Sheds	Section Length inch[mm]	Leakage Distance inch[mm]	Arcing Distance inch[mm]	Low Frequency Flashover [50Hz]		Critical Impulse Flashover		Approx. Weight lbs.[kg]
						Dry kV	Wet kV	Positive kV	Negative kV	
230	502SM076SK02	76	100.31[2548]	429.13[10900]	85.43[2170]	855	752	1366	1466	36.73[16.67]
	502SM076EK02	76	101.49[2578]	429.13[10900]	85.43[2170]	855	752	1366	1466	36.65[16.64]
	502SM076YK02	76	101.61[2581]	429.13[10900]	85.43[2170]	855	752	1366	1466	38.07[17.28]
	502SM076EE02	76	103.14[2620]	429.13[10900]	85.43[2170]	855	752	1366	1466	38.13[17.31]
	502SC071SK02	71	102.28[2598]	312.59[7940]	87.40[2220]	874	769	1396	1499	29.42[13.35]
	502SC071EK02	71	103.46[2628]	312.59[7940]	87.40[2220]	874	769	1396	1499	29.33[13.31]
	502SC071YK02	71	103.58[2631]	312.59[7940]	87.40[2220]	874	769	1396	1499	30.76[13.96]
	502SC071EE02	71	105.11[2670]	312.59[7940]	87.40[2220]	874	769	1396	1499	30.82[13.99]
	502SS068SK02	68	102.44[2602]	350.00[8890]	87.40[2220]	875	770	1398	1501	30.61[13.89]
	502SS068EK02	68	103.62[2632]	350.00[8890]	87.40[2220]	875	770	1398	1501	30.53[13.86]
	502SS068YK02	68	103.74[2635]	350.00[8890]	87.40[2220]	875	770	1398	1501	31.95[14.5]
	502SS068EE02	68	105.27[2674]	350.00[8890]	87.40[2220]	875	770	1398	1501	32.01[14.53]
	502SL081SK02	81	102.08[2593]	353.54[8980]	87.00[2210]	872	767	1393	1495	32.59[14.79]
	502SL081EK02	81	103.26[2623]	353.54[8980]	87.00[2210]	872	767	1393	1495	32.51[14.75]
	502SL081YK02	81	103.38[2626]	353.54[8980]	87.00[2210]	872	767	1393	1495	33.93[15.4]
	502SL081EE02	81	104.92[2665]	353.54[8980]	87.00[2210]	872	767	1393	1495	33.99[15.43]
	502SE082SK02	82	102.12[2594]	398.42[10120]	87.00[2210]	872	767	1394	1496	34.02[15.44]
	502SE082EK02	82	103.30[2624]	398.42[10120]	87.00[2210]	872	767	1394	1496	33.94[15.41]
	502SE082YK02	82	103.42[2627]	398.42[10120]	87.00[2210]	872	767	1394	1496	35.36[16.05]
	502SE082EE02	82	104.96[2666]	398.42[10120]	87.00[2210]	872	767	1394	1496	35.42[16.08]
	502SM078SK02	78	101.92[2589]	439.76[11170]	87.00[2210]	870	766	1391	1493	37.45[17.1]
	502SM078EK02	78	103.11[2619]	439.76[11170]	87.00[2210]	870	766	1391	1493	37.37[16.96]
	502SM078YK02	78	103.22[2622]	439.76[11170]	87.00[2210]	870	766	1391	1493	38.79[17.61]
	502SM078EE02	78	104.76[2661]	439.76[11170]	87.00[2210]	870	766	1391	1493	38.85[17.64]
	502SC074SK02	74	104.84[2663]	325.19[8260]	89.76[2280]	899	790	1435	1541	30.48[13.84]
	502SC074EK02	74	106.02[2693]	325.19[8260]	89.76[2280]	899	790	1435	1541	30.40[13.8]
	502SC074YK02	74	106.14[2696]	325.19[8260]	89.76[2280]	899	790	1435	1541	31.82[14.44]
	502SC074EE02	74	107.67[2735]	325.19[8260]	89.76[2280]	899	790	1435	1541	31.88[14.47]
	502SC075SK02	75	106.02[2693]	328.74[8350]	90.94[2310]	910	801	1453	1561	30.55[13.87]
	502SC075EK02	75	107.20[2723]	328.74[8350]	90.94[2310]	910	801	1453	1561	30.47[13.83]
	502SC075YK02	75	107.32[2726]	328.74[8350]	90.94[2310]	910	801	1453	1561	31.89[14.48]
	502SC075EE02	75	108.85[2765]	328.74[8350]	90.94[2310]	910	801	1453	1561	31.95[14.5]
	502SS071SK02	71	106.22[2698]	364.96[9270]	91.33[2320]	912	802	1456	1564	31.59[14.34]
	502SS071EK02	71	107.40[2728]	364.96[9270]	91.33[2320]	912	802	1456	1564	31.51[14.3]
	502SS071YK02	71	107.51[2731]	364.96[9270]	91.33[2320]	912	802	1456	1564	32.93[14.95]
	502SS071EE02	71	109.05[2770]	364.96[9270]	91.33[2320]	912	802	1456	1564	32.99[14.98]
	502SL085SK02	85	106.18[2697]	370.86[9420]	91.33[2320]	912	802	1455	1563	33.78[15.34]
	502SL085EK02	85	107.36[2727]	370.86[9420]	91.33[2320]	912	802	1455	1563	33.70[15.3]
	502SL085YK02	85	107.48[2730]	370.86[9420]	91.33[2320]	912	802	1455	1563	35.13[15.94]
	502SL085EE02	85	109.01[2769]	370.86[9420]	91.33[2320]	912	802	1455	1563	35.18[15.97]
	502SE086SK02	86	106.22[2698]	417.32[10600]	91.33[2320]	912	802	1456	1564	35.26[16.01]
	502SE086EK02	86	107.40[2728]	417.32[10600]	91.33[2320]	912	802	1456	1564	35.18[15.97]
	502SE086YK02	86	107.51[2731]	417.32[10600]	91.33[2320]	912	802	1456	1564	36.60[16.62]
	502SE086EE02	86	109.05[2770]	417.32[10600]	91.33[2320]	912	802	1456	1564	36.66[16.64]

ANSI 50Kips

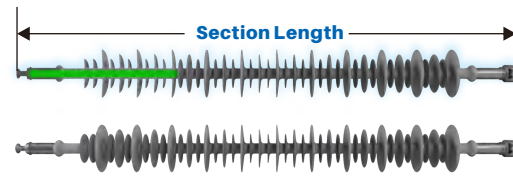
Composite Suspension Insulators Technical Data



Voltage Class [kV]	Catalogue No.	No. of Sheds	Section Length inch[mm]	Leakage Distance inch[mm]	Arcing Distance inch[mm]	Low Frequency Flashover [50Hz]		Critical Impulse Flashover		Approx. Weight lbs.[kg]
						Dry kV	Wet kV	Positive kV	Negative kV	
230	502SM082SK02	82	106.33[2701]	462.20[11740]	91.33[2320]	913	803	1458	1566	38.96[17.68]
	502SM082EK02	82	107.51[2731]	462.20[11740]	91.33[2320]	913	803	1458	1566	38.88[17.65]
	502SM082YK02	82	107.63[2734]	462.20[11740]	91.33[2320]	913	803	1458	1566	40.30[18.29]
	502SM082EE02	82	109.17[2773]	462.20[11740]	91.33[2320]	913	803	1458	1566	40.36[18.32]
	502SC079SK02	79	111.73[2838]	347.24[8820]	96.85[2460]	965	849	1540	1655	31.79[14.43]
	502SC079EK02	79	112.91[2868]	347.24[8820]	96.85[2460]	965	849	1540	1655	31.71[14.39]
	502SC079YK02	79	113.03[2871]	347.24[8820]	96.85[2460]	965	849	1540	1655	33.13[15.04]
	502SC079EE02	79	114.56[2910]	347.24[8820]	96.85[2460]	965	849	1540	1655	33.19[15.07]
345	502SC086SK22	86	120.00[3048]	377.95[9600]	103.93[2640]	1034	910	1648	1773	35.65[16.18]
	502SC086EK22	86	121.18[3078]	377.95[9600]	103.93[2640]	1034	910	1648	1773	35.56[16.14]
	502SC086YK22	86	121.29[3081]	377.95[9600]	103.93[2640]	1034	910	1648	1773	36.99[16.79]
	502SC086EE22	86	122.83[3120]	377.95[9600]	103.93[2640]	1034	910	1648	1773	37.05[16.82]
	502SC088SK22	88	121.37[3083]	385.43[9790]	105.11[2670]	1048	921	1669	1795	36.18[16.42]
	502SC088EK22	88	122.55[3113]	385.43[9790]	105.11[2670]	1048	921	1669	1795	36.10[16.39]
	502SC088YK22	88	122.67[3116]	385.43[9790]	105.11[2670]	1048	921	1669	1795	37.53[17.03]
	502SC088EE22	88	124.21[3155]	385.43[9790]	105.11[2670]	1048	921	1669	1795	37.59[17.06]
	502SS083SK22	83	121.33[3082]	425.98[10820]	105.11[2670]	1047	921	1668	1795	37.07[16.83]
	502SS083EK22	83	122.51[3112]	425.98[10820]	105.11[2670]	1047	921	1668	1795	36.99[16.79]
	502SS083YK22	83	122.63[3115]	425.98[10820]	105.11[2670]	1047	921	1668	1795	38.41[17.43]
	502SS083EE22	83	124.17[3154]	425.98[10820]	105.11[2670]	1047	921	1668	1795	38.47[17.46]
	502SL100SK22	100	121.53[3087]	436.22[11080]	105.51[2680]	1049	923	1671	1798	40.06[18.18]
	502SL100EK22	100	122.71[3117]	436.22[11080]	105.51[2680]	1049	923	1671	1798	39.98[18.15]
	502SL100YK22	100	122.83[3120]	436.22[11080]	105.51[2680]	1049	923	1671	1798	41.40[18.79]
	502SL100EE22	100	124.37[3159]	436.22[11080]	105.51[2680]	1049	923	1671	1798	41.46[18.82]
	502SE101SK22	101	121.57[3088]	487.40[12380]	105.51[2680]	1050	923	1672	1799	41.22[18.71]
	502SE101EK22	101	122.75[3118]	487.40[12380]	105.51[2680]	1050	923	1672	1799	41.13[18.67]
	502SE101YK22	101	122.87[3121]	487.40[12380]	105.51[2680]	1050	923	1672	1799	42.56[19.32]
	502SE101EE22	101	124.40[3160]	487.40[12380]	105.51[2680]	1050	923	1672	1799	42.62[19.35]
	502SM095SK22	95	121.25[3080]	535.03[13590]	105.11[2670]	1046	920	1667	1793	45.43[20.62]
	502SM095EK22	95	122.44[3110]	535.03[13590]	105.11[2670]	1046	920	1667	1793	45.35[20.58]
	502SM095YK22	95	122.55[3113]	535.03[13590]	105.11[2670]	1046	920	1667	1793	46.77[21.23]
	502SM095EE22	95	124.09[3152]	535.03[13590]	105.11[2670]	1046	920	1667	1793	46.83[21.26]
	502SC093SK22	93	127.28[3233]	405.51[10300]	111.02[2820]	1105	972	1758	1893	37.44[17.00]
	502SC093EK22	93	128.46[3263]	405.51[10300]	111.02[2820]	1105	972	1758	1893	37.36[16.96]
	502SC093YK22	93	128.58[3266]	405.51[10300]	111.02[2820]	1105	972	1758	1893	38.78[17.60]
	502SC093EE22	93	130.11[3305]	405.51[10300]	111.02[2820]	1105	972	1758	1893	38.84[17.63]
	502SC094SK22	94	129.44[3288]	412.59[10480]	113.38[2880]	1126	990	1791	1929	38.02[17.26]
	502SC094EK22	94	130.62[3318]	412.59[10480]	113.38[2880]	1126	990	1791	1929	37.94[17.22]
	502SC094YK22	94	130.74[3321]	412.59[10480]	113.38[2880]	1126	990	1791	1929	39.37[17.87]
	502SC094EE22	94	132.28[3360]	412.59[10480]	113.38[2880]	1126	990	1791	1929	39.42[17.90]
	502SC096SK22	96	131.81[3348]	420.86[10690]	115.74[2940]	1149	1011	1827	1968	38.62[17.53]
	502SC096EK22	96	132.99[3378]	420.86[10690]	115.74[2940]	1149	1011	1827	1968	38.54[17.49]
	502SC096YK22	96	133.11[3381]	420.86[10690]	115.74[2940]	1149	1011	1827	1968	39.96[18.14]
	502SC096EE22	96	134.64[3420]	420.86[10690]	115.74[2940]	1149	1011	1827	1968	40.02[18.17]

ANSI 50Kips

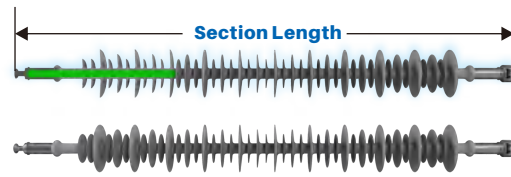
Composite Suspension Insulators Technical Data



Voltage Class [kV]	Catalogue No.	No. of Sheds	Section Length inch[mm]	Leakage Distance inch[mm]	Arcing Distance inch[mm]	Low Frequency Flashover [50Hz]		Critical Impulse Flashover		Approx. Weight lbs.[kg]
						Dry kV	Wet kV	Positive kV	Negative kV	
345	502SC097SK22	97	132.00[3353]	422.44[10730]	115.74[2940]	1151	1012	1830	1971	38.63[17.54]
	502SC097EK22	97	133.18[3383]	422.44[10730]	115.74[2940]	1151	1012	1830	1971	38.55[17.50]
	502SC097YK22	97	133.30[3386]	422.44[10730]	115.74[2940]	1151	1012	1830	1971	39.97[18.14]
	502SC097EE22	97	134.84[3425]	422.44[10730]	115.74[2940]	1151	1012	1830	1971	40.03[18.17]
	502SS090SK22	90	131.73[3346]	462.59[11750]	115.74[2940]	1148	1010	1826	1967	39.58[17.97]
	502SS090EK22	90	132.91[3376]	462.59[11750]	115.74[2940]	1148	1010	1826	1967	39.50[17.93]
	502SS090YK22	90	133.03[3379]	462.59[11750]	115.74[2940]	1148	1010	1826	1967	40.92[18.57]
	502SS090EE22	90	134.56[3418]	462.59[11750]	115.74[2940]	1148	1010	1826	1967	40.98[18.60]
	502SL110SK22	110	131.77[3347]	479.52[12180]	115.74[2940]	1148	1010	1827	1968	43.05[19.54]
	502SL110EK22	110	132.95[3377]	479.52[12180]	115.74[2940]	1148	1010	1827	1968	42.97[19.50]
	502SL110YK22	110	133.07[3380]	479.52[12180]	115.74[2940]	1148	1010	1827	1968	44.39[20.15]
	502SL110EE22	110	134.60[3419]	479.52[12180]	115.74[2940]	1148	1010	1827	1968	44.45[20.18]
	502SE111SK22	111	131.81[3348]	535.82[13610]	115.74[2940]	1149	1011	1827	1968	44.32[20.12]
	502SE111EK22	111	132.99[3378]	535.82[13610]	115.74[2940]	1149	1011	1827	1968	44.24[20.08]
	502SE111YK22	111	133.11[3381]	535.82[13610]	115.74[2940]	1149	1011	1827	1968	45.67[20.73]
	502SE111EE22	111	134.64[3420]	535.82[13610]	115.74[2940]	1149	1011	1827	1968	45.73[20.76]
	502SM105SK22	105	131.69[3345]	590.15[14990]	115.35[2930]	1148	1010	1825	1966	49.16[22.31]
	502SM105EK22	105	132.87[3375]	590.15[14990]	115.35[2930]	1148	1010	1825	1966	49.08[22.28]
	502SM105YK22	105	132.99[3378]	590.15[14990]	115.35[2930]	1148	1010	1825	1966	50.50[22.92]
	502SM105EE22	105	134.52[3417]	590.15[14990]	115.35[2930]	1148	1010	1825	1966	50.56[22.95]
	502SC102SK22	102	139.68[3548]	448.03[11380]	123.62[3140]	1225	1078	1947	2099	40.45[18.36]
	502SC102EK22	102	140.86[3578]	448.03[11380]	123.62[3140]	1225	1078	1947	2099	40.36[18.32]
	502SC102YK22	102	140.98[3581]	448.03[11380]	123.62[3140]	1225	1078	1947	2099	41.79[18.97]
	502SC102EE22	102	142.51[3620]	448.03[11380]	123.62[3140]	1225	1078	1947	2099	41.85[19.00]
	502SC106SK22	106	142.63[3623]	463.38[11770]	126.37[3210]	1254	1103	1992	2147	41.53[18.85]
	502SC106EK22	106	143.81[3653]	463.38[11770]	126.37[3210]	1254	1103	1992	2147	41.45[18.82]
	502SC106YK22	106	143.93[3656]	463.38[11770]	126.37[3210]	1254	1103	1992	2147	42.88[19.46]
	502SC106EE22	106	145.47[3695]	463.38[11770]	126.37[3210]	1254	1103	1992	2147	42.94[19.49]
	502SS099SK22	99	142.67[3624]	507.87[12900]	126.37[3210]	1254	1103	1993	2148	42.51[19.30]
	502SS099EK22	99	143.85[3654]	507.87[12900]	126.37[3210]	1254	1103	1993	2148	42.42[19.26]
	502SS099YK22	99	143.97[3657]	507.87[12900]	126.37[3210]	1254	1103	1993	2148	43.85[19.90]
	502SS099EE22	99	145.51[3696]	507.87[12900]	126.37[3210]	1254	1103	1993	2148	43.91[19.93]
	502SL121SK22	121	142.44[3618]	524.80[13330]	126.37[3210]	1252	1101	1989	2144	46.07[20.91]
	502SL121EK22	121	143.62[3648]	524.80[13330]	126.37[3210]	1252	1101	1989	2144	45.99[20.88]
	502SL121YK22	121	143.74[3651]	524.80[13330]	126.37[3210]	1252	1101	1989	2144	47.41[21.52]
	502SL121EE22	121	145.27[3690]	524.80[13330]	126.37[3210]	1252	1101	1989	2144	47.47[21.55]
	502SE121SK22	121	142.83[3628]	583.46[14820]	126.77[3220]	1256	1105	1995	2151	47.48[21.55]
	502SE121EK22	121	144.01[3658]	583.46[14820]	126.77[3220]	1256	1105	1995	2151	47.40[21.52]
	502SE121YK22	121	144.13[3661]	583.46[14820]	126.77[3220]	1256	1105	1995	2151	48.82[22.16]
	502SE121EE22	121	145.66[3700]	583.46[14820]	126.77[3220]	1256	1105	1995	2151	48.88[22.19]
	502SM114SK22	114	142.59[3622]	642.12[16310]	126.37[3210]	1254	1103	1991	2147	52.60[23.88]
	502SM114EK22	114	143.77[3652]	642.12[16310]	126.37[3210]	1254	1103	1991	2147	52.52[23.84]
	502SM114YK22	114	143.89[3655]	642.12[16310]	126.37[3210]	1254	1103	1991	2147	53.94[24.49]
	502SM114EE22	114	145.43[3694]	642.12[16310]	126.37[3210]	1254	1103	1991	2147	54.00[24.51]

ANSI 50Kips

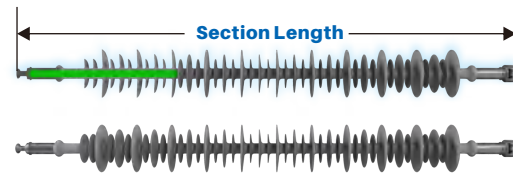
Composite Suspension Insulators Technical Data



Voltage Class [kV]	Catalogue No.	No. of Sheds	Section Length inch[mm]	Leakage Distance inch[mm]	Arcing Distance inch[mm]	Low Frequency Flashover [50Hz]		Critical Impulse Flashover		Approx. Weight lbs.[kg]
						Dry kV	Wet kV	Positive kV	Negative kV	
500	502SC114SK34	114	152.08[3863]	497.63[12640]	135.03[3430]	1338	1177	2124	2291	46.34[21.03]
	502SC114EK34	114	153.26[3893]	497.63[12640]	135.03[3430]	1338	1177	2124	2291	46.25[21.00]
	502SC114YK34	114	153.38[3896]	497.63[12640]	135.03[3430]	1338	1177	2124	2291	47.68[21.64]
	502SC114EE34	114	154.92[3935]	497.63[12640]	135.03[3430]	1338	1177	2124	2291	47.74[21.67]
	502SS107SK34	107	151.96[3860]	548.03[13920]	135.03[3430]	1337	1176	2122	2289	47.38[21.51]
	502SS107EK34	107	153.14[3890]	548.03[13920]	135.03[3430]	1337	1176	2122	2289	47.30[21.47]
	502SS107YK34	107	153.26[3893]	548.03[13920]	135.03[3430]	1337	1176	2122	2289	48.72[22.12]
	502SS107EE34	107	154.80[3932]	548.03[13920]	135.03[3430]	1337	1176	2122	2289	48.78[22.14]
	502SL130SK34	130	151.85[3857]	564.96[14350]	135.03[3430]	1336	1175	2120	2287	51.44[23.35]
	502SL130EK34	130	153.03[3887]	564.96[14350]	135.03[3430]	1336	1175	2120	2287	51.36[23.31]
	502SL130YK34	130	153.14[3890]	564.96[14350]	135.03[3430]	1336	1175	2120	2287	52.78[23.96]
	502SL130EE34	130	154.68[3929]	564.96[14350]	135.03[3430]	1336	1175	2120	2287	52.84[23.99]
	502SE130SK34	130	152.04[3862]	628.34[15960]	135.03[3430]	1338	1176	2123	2290	53.46[24.27]
	502SE130EK34	130	153.22[3892]	628.34[15960]	135.03[3430]	1338	1176	2123	2290	53.38[24.23]
	502SE130YK34	130	153.34[3895]	628.34[15960]	135.03[3430]	1338	1176	2123	2290	54.80[24.88]
	502SE130EE34	130	154.88[3934]	628.34[15960]	135.03[3430]	1338	1176	2123	2290	54.86[24.90]
	502SM123SK34	123	152.12[3864]	691.73[17570]	135.03[3430]	1338	1177	2124	2292	58.39[26.51]
	502SM123EK34	123	153.30[3894]	691.73[17570]	135.03[3430]	1338	1177	2124	2292	58.31[26.47]
	502SM123YK34	123	153.42[3897]	691.73[17570]	135.03[3430]	1338	1177	2124	2292	59.73[27.12]
	502SM123EE34	123	154.96[3936]	691.73[17570]	135.03[3430]	1338	1177	2124	2292	59.79[27.14]
	502SC128SK34	128	168.62[4283]	557.87[14170]	151.57[3850]	1498	1318	2375	2565	50.50[22.92]
	502SC128EK34	128	169.80[4313]	557.87[14170]	151.57[3850]	1498	1318	2375	2565	50.42[22.89]
	502SC128YK34	128	169.92[4316]	557.87[14170]	151.57[3850]	1498	1318	2375	2565	51.84[23.53]
	502SC128EE34	128	171.45[4355]	557.87[14170]	151.57[3850]	1498	1318	2375	2565	51.90[23.56]
	502SS120SK34	120	168.74[4286]	613.77[15590]	151.96[3860]	1500	1319	2377	2567	51.79[23.51]
	502SS120EK34	120	169.92[4316]	613.77[15590]	151.96[3860]	1500	1319	2377	2567	51.71[23.47]
	502SS120YK34	120	170.03[4319]	613.77[15590]	151.96[3860]	1500	1319	2377	2567	53.13[24.12]
	502SS120EE34	120	171.57[4358]	613.77[15590]	151.96[3860]	1500	1319	2377	2567	53.19[24.15]
	502SL146SK34	146	168.62[4283]	634.25[16110]	151.57[3850]	1498	1318	2375	2565	56.25[25.53]
	502SL146EK34	146	169.80[4313]	634.25[16110]	151.57[3850]	1498	1318	2375	2565	56.17[25.50]
	502SL146YK34	146	169.92[4316]	634.25[16110]	151.57[3850]	1498	1318	2375	2565	57.59[26.14]
	502SL146EE34	146	171.45[4355]	634.25[16110]	151.57[3850]	1498	1318	2375	2565	57.65[26.17]
	502SE147SK34	147	168.66[4284]	707.87[17980]	151.57[3850]	1499	1318	2376	2565	57.94[26.30]
	502SE147EK34	147	169.84[4314]	707.87[17980]	151.57[3850]	1499	1318	2376	2565	57.86[26.26]
	502SE147YK34	147	169.96[4317]	707.87[17980]	151.57[3850]	1499	1318	2376	2565	59.28[26.91]
	502SE147EE34	147	171.49[4356]	707.87[17980]	151.57[3850]	1499	1318	2376	2565	59.34[26.94]
	502SM138SK34	138	168.66[4284]	775.98[19710]	151.57[3850]	1499	1318	2376	2565	64.35[29.21]
	502SM138EK34	138	169.84[4314]	775.98[19710]	151.57[3850]	1499	1318	2376	2565	64.27[29.18]
	502SM138YK34	138	169.96[4317]	775.98[19710]	151.57[3850]	1499	1318	2376	2565	65.69[29.82]
	502SM138EE34	138	171.49[4356]	775.98[19710]	151.57[3850]	1499	1318	2376	2565	65.75[29.85]
	502SC138SK34	138	180.43[4583]	601.18[15270]	163.38[4150]	1613	1419	2555	2760	53.47[24.27]
	502SC138EK34	138	181.61[4613]	601.18[15270]	163.38[4150]	1613	1419	2555	2760	53.39[24.24]
	502SC138YK34	138	181.73[4616]	601.18[15270]	163.38[4150]	1613	1419	2555	2760	54.81[24.88]
	502SC138EE34	138	183.26[4655]	601.18[15270]	163.38[4150]	1613	1419	2555	2760	54.87[24.91]

ANSI 50Kips

Composite Suspension Insulators Technical Data



Voltage Class [kV]	Catalogue No.	No. of Sheds	Section Length inch[mm]	Leakage Distance inch[mm]	Arcing Distance inch[mm]	Low Frequency Flashover [50Hz]		Critical Impulse Flashover		Approx. Weight lbs.[kg]
						Dry kV	Wet kV	Positive kV	Negative kV	
500	502SS129SK34	129	180.47[4584]	659.84[16760]	163.38[4150]	1613	1419	2556	2761	54.76[24.86]
	502SS129EK34	129	181.65[4614]	659.84[16760]	163.38[4150]	1613	1419	2556	2761	54.68[24.82]
	502SS129YK34	129	181.77[4617]	659.84[16760]	163.38[4150]	1613	1419	2556	2761	56.10[25.47]
	502SS129EE34	129	183.30[4656]	659.84[16760]	163.38[4150]	1613	1419	2556	2761	56.16[25.50]
	502SL158SK34	158	180.31[4580]	685.03[17400]	163.38[4150]	1612	1418	2553	2758	59.81[27.15]
	502SL158EK34	158	181.49[4610]	685.03[17400]	163.38[4150]	1612	1418	2553	2758	59.73[27.11]
	502SL158YK34	158	181.61[4613]	685.03[17400]	163.38[4150]	1612	1418	2553	2758	61.15[27.76]
	502SL158EE34	158	183.14[4652]	685.03[17400]	163.38[4150]	1612	1418	2553	2758	61.21[27.79]
	502SE159SK34	159	180.15[4576]	764.17[19410]	163.38[4150]	1610	1416	2551	2756	61.62[27.97]
	502SE159EK34	159	181.33[4606]	764.17[19410]	163.38[4150]	1610	1416	2551	2756	61.54[27.94]
	502SE159YK34	159	181.45[4609]	764.17[19410]	163.38[4150]	1610	1416	2551	2756	62.97[28.58]
	502SE159EE34	159	182.99[4648]	764.17[19410]	163.38[4150]	1610	1416	2551	2756	63.03[28.61]
	502SM149SK34	149	180.19[4577]	836.22[21240]	163.38[4150]	1611	1417	2551	2756	68.15[30.94]
	502SM149EK34	149	181.37[4607]	836.22[21240]	163.38[4150]	1611	1417	2551	2756	68.06[30.90]
	502SM149YK34	149	181.49[4610]	836.22[21240]	163.38[4150]	1611	1417	2551	2756	69.49[31.54]
	502SM149EE34	149	183.03[4649]	836.22[21240]	163.38[4150]	1611	1417	2551	2756	69.55[31.57]
	502SC144SK34	144	188.30[4783]	627.55[15940]	171.25[4350]	1689	1486	2675	2891	55.30[25.10]
	502SC144EK34	144	189.48[4813]	627.55[15940]	171.25[4350]	1689	1486	2675	2891	55.22[25.07]
	502SC144YK34	144	189.60[4816]	627.55[15940]	171.25[4350]	1689	1486	2675	2891	56.64[25.71]
	502SC144EE34	144	191.14[4855]	627.55[15940]	171.25[4350]	1689	1486	2675	2891	56.7[25.74]

Notes

SHEMART&D SOLUTIONS

Website: www.shemartds.com

E-mail: Customerservice@shemartds.com