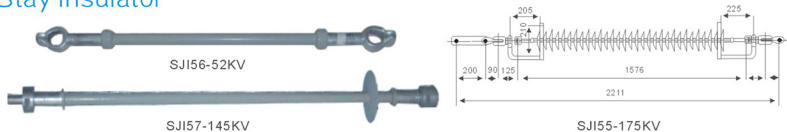


# Outdoor High-voltage Composite Insulator

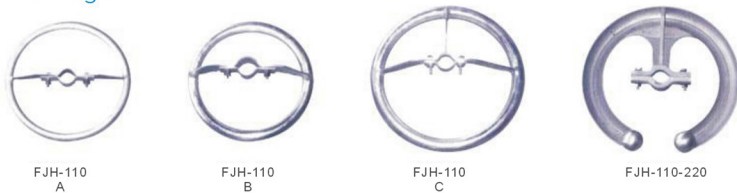
Other Series Insulators

## Stay Insulator

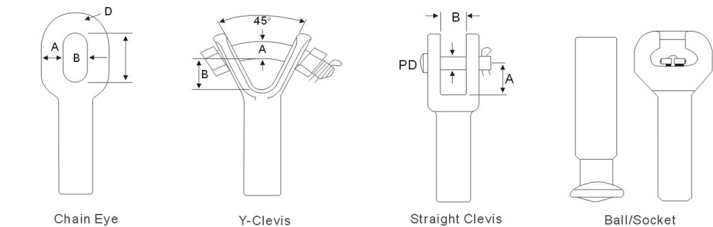


Rod Dia	Nominal system voltage	Creepage distance	Dry lightning impulse withstand voltage	Wet power frequency withstand voltage	Torsion	Tensile strength	Impulse flashover voltage	Flashover distance	Radio interference at 1KHz	Weight	Standard
17mm	24kV	420 mm	90kV	70 kV	0.5 kNm	4 kN	145 kV	190mm	< 1 uV at 10kV	0.65 kg	IEC61109/62217

## Corona Rings



## Most Common End Fittings



SML	Dimensions mm(in.)				SML	Dimensions mm(in.)			SML	Dimensions mm(in.)			SML	Class	
	A	B	C	D		A	B	Bolt Dia.		Class	A	B			PD
111kN (25K lbs.)	15.74 (0.62)	25.4 (1.00)	50.8 (2.00)	15.74 (0.62)	111kN (25K lbs.)	19.05 (0.75)	38.86 (1.53)	19 (0.75)	111kN (25K lbs.)	ANSI 52-6	36 (1.41)	19 (0.75)	16 (0.62)	111kN (25K lbs.)	ANSI 52-5
120kN	15.74 (0.62)	25.4 (1.00)	50.8 (2.00)	15.74 (0.62)	120kN	19.05 (0.75)	38.86 (1.53)	19 (0.75)	120kN	IEC 16C	36 (1.41)	19 (0.75)	16 (0.62)	120kN	IEC 16mm
133kN (30K lbs.)	19.05 (0.75)	25.4 (1.00)	50.8 (2.00)	21.59 (0.85)	133kN (30K lbs.)	22.35 (0.88)	40.39 (1.59)	22 (0.88)	133kN (30K lbs.)	ANSI 52-6	36 (1.41)	19 (0.75)	16 (0.62)	133kN (30K lbs.)	ANSI 52-5
160kN (36K lbs.)	19.05 (0.75)	25.4 (1.00)	50.8 (2.00)	21.59 (0.85)	160kN (36K lbs.)	22.35 (0.88)	40.39 (1.59)	22 (0.88)	160kN (36K lbs.)	IEC 19L	46 (1.81)	21 (0.83)	19 (0.75)	160kN (36K lbs.)	IEC 20mm (ANSI 52-8)
210kN	19.05 (0.75)	25.4 (1.00)	50.8 (2.00)	21.59 (0.85)	210kN	22.35 (0.88)	40.39 (1.59)	22 (0.88)	210kN	IEC 19L	46 (1.81)	21 (0.83)	19 (0.75)	210kN	IEC 20mm
222kN (50K lbs.)	19.05 (0.75)	25.4 (1.00)	50.8 (2.00)	21.59 (0.85)	222kN (50K lbs.)	22.35 (0.88)	40.39 (1.59)	22 (0.88)	222kN (50K lbs.)	N/A				222kN (50K lbs.)	ANSI 52-11