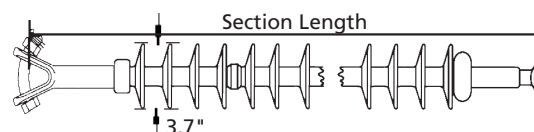


Suspension Insulators

Mechanical Ratings SML = 30,000 lbs/133 kN RTL = 15,000 lbs/67 kN
5/8" (16 mm) Rod Diameter



Selection Guide: Typical Line Voltage, kV						Catalog Number with Y-Clevis - 52.5 Ball	Section Length inches (mm)	Number of Sheds	Dry Arc Distance inches (mm)	Leakage Distance inches (mm)	⁽²⁾ 60 Flashover ANSI		⁽²⁾ Critical Flashover ANSI		Net Weight pounds (kg)
69	115	138	161	230	345						Dry-kV	Wet-kV	Pos-kV	Neg-kV	
						5150041201	34.7 (881)	16	24.7 (627)	61 (1549)	245	240	410	390	4.8 (2.2)
						5150051201	40.7 (1034)	20	30.7 (780)	76 (1930)	310	295	505	490	5.6 (2.5)
						5150061201	46.8 (1189)	24	36.8 (935)	92 (2337)	370	350	605	595	6.4 (2.9)
						5150071201	53.0 (1346)	28	42.9 (1090)	107 (2718)	430	405	700	695	7.1 (3.2)
						5150081201	59.1 (1501)	32	49.1 (1247)	122 (3099)	490	455	795	795	8.0 (3.6)
						5150091201	65.1 (1654)	36	55.1 (1397)	138 (3505)	545	505	890	890	8.8 (4.0)
						5150101201	71.3 (1811)	40	61.2 (1554)	152 (3861)	600	555	985	990	9.5 (4.3)
						5150111201	77.4 (1966)	44	67.4 (1712)	168 (4267)	655	605	1080	1090	10.4 (4.7)
						5150121201	83.5 (2121)	48	73.5 (1867)	184 (4674)	710	655	1170	1185	11.2 (5.1)
						5150131201	89.5 (2273)	52	79.5 (2019)	198 (5029)	760	700	1260	1280	11.9 (5.4)
						5150141201	95.7 (2431)	56	85.6 (2174)	214 (5436)	810	750	1350	1370	12.7 (5.8)
						5150151201	101.8 (2586)	60	91.7 (2329)	229 (5817)	855	790	1440	1465	13.5 (6.1)
						5150161201	108.0 (2743)	64	97.9 (2487)	245 (6223)	905	835	1530	1560	14.4 (6.5)
						5150171201	114.0 (2896)	68	103.9 (2639)	260 (6604)	945	880	1615	1650	15.2 (6.9)
						5150181201	120.1 (3051)	72	110.0 (2794)	275 (6985)	990	920	1705	1740	15.9 (7.2)
						5150191201	126.2 (3205)	76	116.2 (2951)	290 (7366)	1030	960	1790	1830	16.7 (7.6)

Notes:

- For voltages above 345 kV, and other section lengths, contact Hubbell Power Systems.
- Tests in accordance with ANSI C29.1. Electrical values are without corona ring. For voltages equal to or greater than 161 kV, refer to the dedicated page within this section for corona rings and associated physical/electrical changes to the above data.

Ground Fitting	Line Fitting	Suffix Code	Length Change		Weight Change	
			Inches	mm	lbs	kg
Eye	Ball	1001	-0.06	-1.5	-2.5	-0.11
Eye	Eye	1000	1.28	32.5	-2.5	-0.11
Socket	Ball	1301	-0.97	-24.6	-0.05	-0.01
Clevis	Ball	1401	-1.00	-25.4	-0.15	-0.07
Y-Clevis	Eye	1200	1.34	34.0	0	0
Clevis	Eye	1400	0.34	8.6	-0.15	-0.007

For configurations not shown contact Hubbell Power Systems, Inc.