

IEC - BS String Electrical Ratings Standard Profile

Standard Profile suspension insulator string withstand voltages based on the test procedure of International Standard I.E.C 60383-93 and British Standard B.S. 60383

Number of units	Diameter / Spacing Ø 255 / 146		
	Power frequency withstand voltage (kV)		Lightning impulse withstand voltage (kV)
	DRY	WET	
2	130	75	195
3	180	115	275
4	235	155	360
5	280	195	430
6	325	230	505
7	375	265	580
8	420	300	660
9	465	325	730
10	510	375	800
11	550	410	880
12	595	440	955
13	635	475	1025
14	675	510	1095
15	715	540	1160
16	755	570	1230
17	800	600	1300
18	855	635	1370
19	875	665	1440
20	915	700	1510
21	950	730	1575
22	990	760	1640
23	1030	790	1710
24	1065	820	1775
25	1100	855	1850
26	1140	880	1920
27	1175	910	1990
28	1215	935	2060
29	1255	965	2130
30	1290	990	2200

These electrical ratings are applicable to SEDIVER Suspension Insulator strings not equipped with arcing devices or grading rings.