

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 280 / 170		
	Power frequency withstand voltage (kV)		Lightning impulse withstand voltage (kV)
	DRY	WET	
2	140	80	215
3	200	120	305
4	250	160	385
5	300	200	470
6	350	240	560
7	400	280	640
8	450	320	720
9	500	350	810
10	545	380	900
11	590	420	980
12	635	455	1070
13	675	490	1140
14	720	520	1220
15	760	550	1300
16	810	585	1380
17	850	615	1460
18	895	650	1550
19	930	680	1620
20	970	710	1690
21	1000	740	1770
22	1050	775	1840
23	1090	805	1920
24	1130	835	2000
25	1170	870	2080
26	1210	900	2160
27	1250	930	2240
28	1290	960	2320
29	1330	990	2400
30	1370	1030	2480

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