

## ANSI String Electrical Ratings Standard Profile

Standard Profile suspension insulator string flashover voltages based on the test procedure of American Standard ANSI C 29.1.

Number of units	Diameter / Spacing Ø 280 / 146			
	Low frequency flashover voltage (kV)		Critical impulse flashover voltage (kV)	
	DRY	WET	+	-
2	145	90	220	225
3	205	130	315	320
4	270	170	410	420
5	325	215	500	510
6	380	255	595	605
7	435	295	670	695
8	485	335	760	780
9	540	375	845	860
10	590	415	930	945
11	640	455	1015	1025
12	690	490	1105	1105
13	735	525	1185	1190
14	785	565	1265	1275
15	830	600	1345	1360
16	875	635	1425	1440
17	920	670	1505	1530
18	965	705	1585	1615
19	1010	740	1665	1700
20	1050	775	1745	1785
21	1100	810	1825	1870
22	1135	845	1905	1955
23	1180	880	1985	2040
24	1220	915	2065	2125
25	1260	950	2145	2210
26	1300	985	2220	2295
27	1340	1015	2300	2380
28	1380	1045	2375	2465
29	1425	1080	2455	2550
30	1460	1110	2530	2635

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

According to American Standard the average value of three tested strings shall equal or exceed 95% of the guaranteed values as given in the data sheet, for low frequency dry flashover, 90% of the guaranteed values as given in the data sheet, for low frequency wet flashover, 92% of the guaranteed values as given in the data sheet, for critical impulse flashover.