

CFW Insulation Dielectric Voltages

AWG Size	Min.	Nom.	Max.	Single			Heavy			Triple			Quadruple		
				Polyimide	Other	With Polyamide Topcoat	Polyimide	Other	With Polyamide Topcoat	Polyimide	Other	With Polyamide Topcoat	Polyimide	Other	With Polyamide Topcoat
24	0.0199	0.0201	0.0202	2710	2710	2440	4870	4870	4380	6500	6500	5850	8470	8470	7620
24.5	0.0188	0.019	0.0192	2670	2670	2410	4810	4810	4320	6420	6420	5780	8360	8360	7520
25	0.0177	0.0179	0.018	2640	2640	2370	4710	4740	4270	6330	6330	5700	8250	8250	7420
25.5	0.0167	0.0169	0.0171	2600	2600	2340	4680	4680	4210	6250	6250	5630	8140	8140	7330
26	0.0157	0.0159	0.016	2570	2570	2310	4620	4620	4160	6170	6170	5550	8040	8040	7230
26.5	0.0149	0.015	0.0152	2540	2540	2280	4560	4560	4100	6090	6090	5480	7930	7930	7140
27	0.0141	0.0142	0.0143	2500	2500	2250	4500	4500	4050	6010	6010	5410	7830	7830	7040
27.5	0.0133	0.0134	0.0135	2470	2470	2220	4440	4440	4000	5930	5930	5340	7730	7730	6950
28	0.0125	0.0126	0.0127	2440	2440	2200	4380	4380	3950	5860	5860	5270	6860	6860	6860
28.5	0.0116	0.0119	0.012	2410	2410	2170	4330	4330	3890	5780	5780	5200	7530	7530	6770
29	0.0112	0.0113	0.0114	2380	2380	2140	4270	4270	3840	5700	5700	5130	7430	7430	6690
29.5	0.0105	0.0106	0.0107	2380	2380	2140	4220	4220	3800	5640	5640	5080	7340	7340	6600
30	0.0099	0.01	0.0101	2380	2380	2140	4220	4220	3800	5640	5640	5080	7340	7340	6600
31	0.0088	0.0089	0.009	2040	2040	1840	3900	3900	3510	5080	5080	4570	6770	6770	6100
32	0.0079	0.008	0.0081	2040	2040	1840	3570	3570	3210	4800	4800	4320	6210	6210	5590
33	0.007	0.0071	0.0072	1700	1700	1530	3250	3250	2920	4230	4230	3810	5640	5640	5080
34	0.0062	0.0063	0.0064	1700	1700	1530	2920	2920	2630	3950	3950	3560	5360	5360	4830
35	0.0055	0.0056	0.0057	1360	1360	1220	2920	2920	2630	3670	3670	3300	4800	4800	4320
36	0.0049	0.005	0.0051	1360	1360	1220	2600	2600	2340	3390	3390	3050	4520	4520	4060
37	0.0044	0.0045	0.0046	1360	1360	1220	2270	2270	2050	3100	3100	2790	3950	3950	3560
38	0.0039	0.004	0.0041	500	500	450	950	950	850	1400	1400	1250	1835	1835	1650
39	0.0034	0.0035	0.0036	500	500	450	900	900	800	1300	1300	1175	1695	1695	1525
40	0.003	0.0031	0.0032	425	425	375	850	850	750	1200	1200	1075	1550	1550	1395
41	0.0027	0.0028	0.0029	425	425	375	700	700	650	1100	1100	1000	1410	1410	1270
42	0.0024	0.0025	0.0026	375	375	350	700	700	650	990	990	890	1270	1270	1145
43	0.0021	0.0022	0.0023	325	325	300	650	650	600	845	845	760	1130	1130	1015
44	0.0019	0.002	0.0021	300	300	275	600	600	550	845	845	760	1130	1130	1015
45	0.00171	0.00176	0.00181	275	275	250	550	550	500	760	760	685	990	990	890
46	0.00152	0.00157	0.00162	250	250	225	475	475	425	690	690	620	990	990	890
47	0.00135	0.0014	0.00145	225	225	200	425	425	375	625			825		
48	0.00119	0.00124	0.00129	190	190	170	375	375	350	560			745		
49	0.00106	0.00111	0.00116	170	170	150	325	325	300	480			635		
50	0.00094	0.00099	0.00104	150	150	130	300	300	275	450			600		
	0.00087	0.0009	0.00093	130	134	114		280	255	420			565		
51	0.00085	0.00088	0.00091	130	130	110	275	275	250	390			530		
	0.00077	0.0008	0.00083	90	122	102		255	230	360			495		
52	0.00075	0.00078	0.00081	120	120	100	250	250	225	330			460		
53	0.00067	0.0007	0.00073	110	110	100	225	225	200	300			425		
54	0.00059	0.00062	0.00065	100	100	90	200	200	175	270			390		
	0.00057	0.0006	0.00063		100	90		200	175	240			355		
55	0.00052	0.00055	0.00058	100	100	90	200	200	175	210			320		
	0.00047	0.0005	0.00053		92	82		180	155	180			285		
56	0.00046	0.00049	0.00052	90	90	80	175	175	150	150			250		
	0.00037	0.0004	0.00043												

NEMA