



High Voltage Corona Resistant TFE Wire



Avoid Corona Problems: Corona Resistant TFE construction is specifically designed to retard and prevent corona penetration.

Small Size: You do not need bulky, thick insulation jacketing as used with silicone rubber and polyethylene insulation to get your Hi-Voltage requirements. Wire used is Mil-Spec QQ-W-343 and Mil-W-16878.

Temperature Variations: Temperature variations from -90°C to +200°C have no life effect on the corona resistant TFE. In addition, there is no stress or crack failure under severe, adverse conditions including mechanical strain, moisture, corona or chemical conditions.

Description: Single Conductor, Stranded Silver Plated Copper, Corona Resistant TFE Insulation.

Voltage Rating: Shown At Sea Level. At 80,000 feet ratings are approximately 1/3 lower.

Minimum Life Expectancy: 10,000 hours.

Operating Temperature: -90°C to 200°C. For 250°C Nickel Plated Copper is available.

Available Colors: White, Black, Red, Green, Yellow, Lt. Blue, Brown, Gray, Violet, Orange. (Tracer colors and shielded constructions are available to order.)

Standard Put-Ups: 250FT, 500FT, 1000FT.

PART NO.	AWG	STR.	KVAC	KVDC	O.D. IN.	PART NO.	AWG	STR.	KVAC	KVDC	O.D. IN.
CRT8-2	8	133/29	2.5	10	0.225	CRT18-6.5	18	19/30	10	32.5	0.194
CRT8-2.5	8	133/29	3.75	12.5	0.235	CRT18-8	18	19/30	12	40	0.225
CRT10-2	10	37/26	2.5	10	0.158	CRT18-10	18	19/30	15	50	0.265
CRT10-2.5	10	37/26	3.75	12.5	0.168	CRT20-2	20	19/32	2.5	10	0.095
CRT10-3	10	37/26	4.5	15.0	0.188	CRT20-2.5	20	19/32	3.75	12.5	0.105
CRT10-3.5	10	37/26	5.3	17.5	0.200	CRT20-3	20	19/32	4.5	15	0.115
CRT12-2	12	19/25	2.5	10	0.142	CRT20-3.5	20	19/32	5.3	17.5	0.126
CRT12-											

2.5	12	19/25	3.75	12.5	0.152	CRT20-4	20	19/32	6	20	0.135
CRT12-3	12	19/25	4.5	15	0.162	CRT20-5	20	19/32	7.5	25	0.156
CRT12-3.5	12	19/25	5.3	17.5	0.172	CRT20-6.5	20	19/32	10	32.5	0.185
CRT12-4	12	19/25	6	20	0.182	CRT20-8	20	19/32	12	40	0.215
CRT12-5	12	19/25	7.5	25	0.202	CRT20-10	20	19/32	15	50	0.255
CRT12-6.5	12	19/25	10	32.5	0.232	CRT22-2	22	19/34	2.5	10	0.087
CRT12-8	12	19/25	12	40	0.262	CRT22-2.5	22	19/34	3.75	12.5	0.097
CRT12-10	12	19/25	15	50	0.302	CRT22-3	22	19/34	4.5	15	0.107
CRT14-2	14	19/27	2.5	10	0.124	CRT22-3.5	22	19/34	5.3	17.5	0.118
CRT14-2.5	14	19/27	3.75	12.5	0.134	CRT22-4	22	19/34	6	20	0.127
CRT14-3	14	19/27	4.5	15	0.144	CRT22-5	22	19/34	7.5	25	0.148
CRT14-3.5	14	19/27	5.3	17.5	0.154	CRT22-6.5	22	19/34	10	32.5	0.177
CRT14-4	14	19/27	6	20	0.164	CRT22-8	22	19/34	12	40	0.207
CRT14-5	14	19/27	7.5	25	0.184	CRT22-10	22	19/34	15	50	0.247
CRT14-6.5	14	19/27	10	32.5	0.214	CRT24-2	24	19/36	2.5	10	0.081
CRT14-8	14	19/27	12	40	0.244	CRT24-2.5	24	19/36	3.75	12.5	0.091
CRT14-10	14	19/27	15	50	0.284	CRT24-3	24	19/36	4.5	15	0.101
CRT16-2	16	19/29	2.5	10	0.111	CRT24-3.5	24	19/36	5.3	17.5	0.112
CRT16-2.5	16	19/29	3.75	12.5	0.119	CRT24-4	24	19/36	6	20	0.121
CRT16-3	16	19/29	4.5	15	0.129	CRT24-5	24	19/36	7.5	25	0.142
CRT16-3.5	16	19/29	5.3	17.5	0.141	CRT24-6.5	24	19/36	10	32.5	0.171
CRT16-4	16	19/29	6	20	0.151	CRT24-8	24	19/36	12	40	0.201
CRT16-5	16	19/29	7.5	25	0.172	CRT24-10	24	19/36	15	50	0.241
CRT16-6.5	16	19/29	10	32.5	0.201	CRT26-2	26	7/34	2.5	10	0.071
CRT16-8	16	19/29	12	40	0.231	CRT26-	26	7/34	3.75	12.5	0.081

						2.5					
CRT16-10	16	19/29	15	50	0.271	CRT26-3	26	7/34	4.5	15	0.091
CRT18-2	18	19/30	2.5	10	0.105	CRT26-3.5	26	7/34	5.3	17.5	0.101
CRT18-2.5	18	19/30	3.75	12.5	0.114	CRT26-4	26	7/34	6	20	0.111
CRT18-3	18	19/30	4.5	15	0.124	CRT26-5	26	7/34	7.5	25	0.131
CRT18-3.5	18	19/30	5.3	17.5	0.135	CRT26-6.5	26	7/34	10	32.5	0.161
CRT18-4	18	19/30	6	20	0.145	CRT26-8	26	7/34	12	40	0.191
CRT18-5	18	19/30	7.5	25	0.166	CRT26-10	26	7/34	15	50	0.231

Additional Sizes And Voltages Available.

Note: Voltage ratings shown are at Sea Level. Voltage ratings at 80,000 feet are approximately 1/3 lower.

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