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## High Voltage Corona Resistant Teflon Wire



**Avoid Corona Problems:** Corona Resistant Teflon 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 Teflon. 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 Teflon Insulation.

**Voltage Rating:** Based on insulation thickness.

**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.
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
CRT12-2	12	19/25	2.5	10	0.142	CRT20-2.5	20	19/32	3.75	12.5	0.105
CRT12-2.5	12	19/25	3.75	12.5	0.152	CRT20-3	20	19/32	4.5	15	0.115
CRT12-3	12	19/25	4.5	15	0.162	CRT20-3.5	20	19/32	5.3	17.5	0.126
CRT12-3.5	12	19/25	5.3	17.5	0.172	CRT20-4	20	19/32	6	20	0.135
CRT12-4	12	19/25	6	20	0.182	CRT20-5	20	19/32	7.5	25	0.156
CRT12-5	12	19/25	7.5	25	0.202	CRT20-6.5	20	19/32	10	32.5	0.185
CRT12-6.5	12	19/25	10	32.5	0.232	CRT20-8	20	19/32	12	40	0.215
CRT12-8	12	19/25	12	40	0.262	CRT20-10	20	19/32	15	50	0.255
CRT12-10	12	19/25	15	50	0.302	CRT22-2	22	19/34	2.5	10	0.087
CRT14-2	14	19/27	2.5	10	0.124	CRT22-2.5	22	19/34	3.75	12.5	0.097
CRT14-2.5	14	19/27	3.75	12.5	0.134	CRT22-3	22	19/34	4.5	15	0.107
CRT14-3	14	19/27	4.5	15	0.144	CRT22-3.5	22	19/34	5.3	17.5	0.118
CRT14-3.5	14	19/27	5.3	17.5	0.154	CRT22-4	22	19/34	6	20	0.127
CRT14-4	14	19/27	6	20	0.164	CRT22-5	22	19/34	7.5	25	0.148
CRT14-5	14	19/27	7.5	25	0.184	CRT22-6.5	22	19/34	10	32.5	0.177
CRT14-6.5	14	19/27	10	32.5	0.214	CRT22-8	22	19/34	12	40	0.207

CRT14-8	14	19/27	12	40	0.244	CRT22-10	22	19/34	15	50	0.247
CRT14-10	14	19/27	15	50	0.284	CRT24-2	24	19/36	2.5	10	0.081
CRT16-2	16	19/29	2.5	10	0.111	CRT24-2.5	24	19/36	3.75	12.5	0.091
CRT16-2.5	16	19/29	3.75	12.5	0.119	CRT24-3	24	19/36	4.5	15	0.101
CRT16-3	16	19/29	4.5	15	0.129	CRT24-3.5	24	19/36	5.3	17.5	0.112
CRT16-3.5	16	19/29	5.3	17.5	0.141	CRT24-4	24	19/36	6	20	0.121
CRT16-4	16	19/29	6	20	0.151	CRT24-5	24	19/36	7.5	25	0.142
CRT16-5	16	19/29	7.5	25	0.172	CRT24-6.5	24	19/36	10	32.5	0.171
CRT16-6.5	16	19/29	10	32.5	0.201	CRT24-8	24	19/36	12	40	0.201
CRT16-8	16	19/29	12	40	0.231	CRT24-10	24	19/36	15	50	0.241
CRT16-10	16	19/29	15	50	0.271	CRT26-2	26	7/34	2.5	10	0.071
CRT18-2	18	19/30	2.5	10	0.105	CRT26-2.5	26	7/34	3.75	12.5	0.081
CRT18-2.5	18	19/30	3.75	12.5	0.114	CRT26-3	26	7/34	4.5	15	0.091
CRT18-3	18	19/30	4.5	15	0.124	CRT26-3.5	26	7/34	5.3	17.5	0.101
CRT18-3.5	18	19/30	5.3	17.5	0.135	CRT26-4	26	7/34	6	20	0.111
CRT18-4	18	19/30	6	20	0.145	CRT26-5	26	7/34	7.5	25	0.131
CRT18-5	18	19/30	7.5	25	0.166	CRT26-6.5	26	7/34	10	32.5	0.161
CRT18-6.5	18	19/30	10	32.5	0.194	CRT26-8	26	7/34	12	40	0.191
CRT18-8	18	19/30	12	40	0.225	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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