

HF ANTENNA WIRE

Part Numbers Listed on the Table Below

HF ANTENNA WIRE

P/N 14379

This antenna wire consists of a 50-mil copper-clad steel wire conductor, insulated by a 66-1/2-mil sheath of brown pigmented polyethylene with particularly high resistivity to ultraviolet deterioration, as well as outstanding electrical characteristics. This wire will withstand external corona voltages of up to 240 kV. It will also support RF line voltages in excess of 7,000 Volts at 60 Hz without corona onset. This wire should be used in fittings with chuck jaw wire attachment features.

Part Number	For use with fittings with this wire attachment type	Wire Insulation	Wire Type	Conductor Diameter cm / (in)	Outside Diameter cm / (in)	Strength kg / (lbs.)	Military Specification	Weight g per meter (Oz per foot)
14379	Chuck Jaws	Polyethylene	Copper Clad Steel	.13 (.05)	.46 (.18)	204 (400)	—	2.36 (.274)
14809	Chuck Jaws	Polyethylene	Copper Clad Steel	.18 (.07)	.46 (.18)	385 (800)	—	3.11 (.360)
14411	Fixed Pin Loose Pin	Polyethylene	Phosphore Bronze 6 X 7	.19 (.08)	.46 (.18)	91 (200)	K-1201	3.00 (.348)
14413	Fixed Pin Loose Pin	None	Copper Clad Steel	.1 (.04)	.1 (.04)	77 (170)	W-106A	.907 (.105)
16438	Fixed Pin Loose Pin	None	Bronze 7 X 7	.15 (.06)	.15 (.06)	91 (200)	—	1.24 (.144)
16650	Chuck Jaws	FEB PTFE (white)*	Copper Clad Steel	.13 (.05)	.33 (.183 +/- .004)	204 (250)	—	4.83 (.560)

*Teflon Coated Wire