

RG214 Cable Specifications

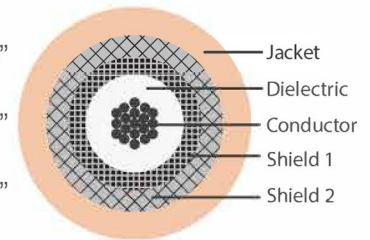
RG 214 coax features a stranded, silver-plated inner conductor, polyethylene dielectric, two silver-plated copper outer conductors and a PVC jacket. Mil Spec equivalent is M17/75-RG214 Cable. See below for full RG214 cable specifications.



RG-214 Coax Construction

OD (In.)

Conductor:	7/.030" Silver Plated Copper (SPC)	.089"
Dielectric:	Solid Polyethylene, color natural (PE)	.285"
Shield 1:	96% Silver Plated Copper Braid	.313"
Shield 2:	98% Silver Plated Copper Braid	.341"
Jacket:	PVC (Non-contaminating vinyl, Type IIA)	.425"



RG 214 Coax Physical Characteristics

Weight per 1000':	138 lbs. Nom.
Operating temperature range:	-40°C to +80°C

RG214 cable specifications for electrical characteristics are continued on the next page.



RG214 Cable Loss and Other Electrical Characteristics

Impedance:	50	+/- 2 ohms
Capacitance:	32.2	pF/Ft. max
Maximum voltage:	1875	volts
Max frequency	11	GHz

Attenuation @:	Freq. (MHz)	Max.
	50	1.7 dB/100 Ft.
	400	5.5 dB/100 Ft.
	3000	28 dB/100 Ft.
	11000	60 dB/100 Ft.



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