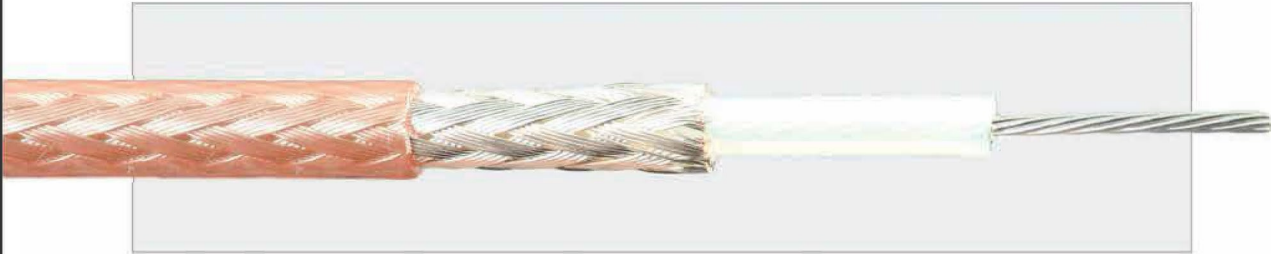


RG316 Cable

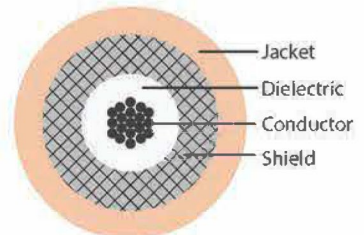
RG 316 cable features a stranded, silver-plated copper clad steel inner conductor, PTFE dielectric, silver-plated copper outer conductor and a FEP jacket. Rated up to 200°C, RG-316 coax is suitable for high temperature environments. Mil Spec equivalent is M17/113-RG316. See below for full RG316 cable specifications.



RG316 Coax Construction

OD (In.)

Conductor:	7/.0067" Silver-coated Copper Clad Steel (SCCS)	.0201"
Dielectric:	Extruded Solid Polytetrafluoroethylene (PTFE)	.060"
Shield:	Silver Plated Copper (SPC)	.075"
Jacket:	Extruded Fluorinated Ethylene Propylene (FEP)	.098"



RG 316 Cable Physical Characteristics

Weight per 1000':	12.2 lbs. Nom.
Minimum bend radius:	0.5"
Operating temperature range:	-55°C to +200°C
RoHS compliance:	Complies with RoHS (Directive 2002/95/EC)

RG316 specs for electrical characteristics are continued on the next page.



RG-316 Cable Electrical Characteristics

Impedance:	50	+/- 2 ohms
Capacitance:	29.4	pF/Ft. max
Maximum voltage:	1200	volts
Max frequency	3.0	GHz

Attenuation @:	Freq. (MHz)	Typical	Max.
	100	7.8	11.0 dB/100 Ft.
	400	16.0	21.0 dB/100 Ft.
	1000	26.3	38.0 dB/100 Ft.
	2400	43.0	55.4 dB/100 Ft.



INTERNATIONAL HEADQUARTERS
 Pennsylvania
 800-828-9473

NEW ENGLAND DIVISION
 New Hampshire
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