

RG316 Coaxial Cable



MATERIAL SPECIFICATION

Inner Conductor	Silver Plated Copper Clad Steel (7 x 0.17mm)
Dielectric	PTFE (1.53mm)
Shield	Silver Plated Copper Braid (1.98mm)
Jacket	FEP (2.50mm)
Jacket Minimum Thickness	0.24mm

ELECTRICAL SPECIFICATION

Impedance	50 Ohms
Max. Frequency	DC to 3 GHz
Capacitance	105 pF/m
Velocity of Propagation	69.5%
Voltage Withstanding	2000V RMS Maximum

MECHANICAL & ENVIRONMENTAL SPECIFICATION

Bending Radius (static)	8mm
Bending Radius (flexing)	27mm
Weight	15 gms/m
RoHS Compliant	Yes
Temperature Range	-55 to +200 degrees C

RG316 Coaxial Cable

FREQUENCY	ATTENUATION (per 100m)
100 MHz	29 dB
400 MHz	58 dB
700 MHz	73 dB
900 MHz	88 dB
1000 MHz	93 dB
2000 MHz	130 dB
3000 MHz	165 dB