

RG316

Miniature Teflon Insulated 50 Ohm Coaxial Cable

RG316 miniature 50 Ohm, coaxial cable has a silver plated, copper clad, steel centre wire conductor with a teflon dielectric.

Teflon insulated coaxial cable assemblies offer superior phase and high temperature stability. RG316 is frequently installed in sensitive areas with minimal space such as avionics equipment bays, medical systems or data link applications up to 3GHz.

This coaxial cable is available in 100m or 200m roll, please consult ZCG for more information.



Specifications	RG316 7853
Order code 100m roll	7853-100
Order code 200m roll	7853-200
Centre conductor	Silver plated, copper clad steel, 7 strand x 0.17mm
Dielectric	Teflon (PTFE), 1.52mm
Overall braid	Silver plated copper braid, 1.95mm
Jacket	Teflon (FEP), 2.50mm outside diameter
Mechanical specifications	
Minimum bend radius	13.0mm
Operating temperature	-55°C to + 200°C
Electrical specifications	
Impedance	50 Ohms
Nominal capacitance	96.45 pF/m
Velocity of propagation	70%
Maximum voltage	1,200 VMS
Maximum frequency	3GHz
Attenuation - typical	dB per 100 metres
100MHz	26.2dB
400MHz	53.1dB
1000MHz	85.6dB
3000MHz	153.2dB

