

RG142

Miniature, teflon insulated 50 Ohm coaxial cable

RG142 miniature 50 Ohm coaxial cable has a silver plated, copper clad steel centre 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 a 200m roll, please consult ZCG for more information.



Specifications	RG142 7823
Order code 200m roll	7823-200
Centre conductor	Silver plated copper clad steel, 0.94mm
Dielectric	Teflon PTFE, 2.95mm
Outer conductor	Silver plated copper double braid, 3.95mm
Jacket	Teflon FEP, 4.95mm outside diameter
Mechanical specifications	
Minimum bend radius	25mm
Operating temperature	-55°C to + 200°C
Electrical specifications	
Impedance	50 Ohms
Nominal capacitance	96.45 pF/m
Velocity of propagation	70%
Maximum voltage	1,900 VMS
Maximum frequency	8GHz
Attenuation	
	Per 100 metres
100MHz	13.0dB
400MHz	29.0dB
1.2GHz	47.0dB
3GHz	89.0dB

