



RG142

Black UV protected, miniature teflon insulated 50 Ohm coaxial cable


In-stock
Ready to
Ship

RG142 black UV stabilised jacket, miniature 50 Ohm coaxial cable with a silver plated, copper clad steel centre conductor, teflon dielectric and double silver plated braid shielding.

Teflon insulated coaxial cable assemblies offer superior phase and high temperature stability. RG142B/U is frequently installed in sensitive areas with minimal space such as avionics equipment bays, medical systems or data link applications up to 6GHz.

This coaxial cable is only available in a 300m roll, please consult ZCG for more information.



Specifications	
Order code 300m roll	7823-3-300
Centre conductor	Silver plated copper clad steel, 0.94mm
Dielectric	Teflon (PTFE), 2.95mm
Outer conductor	Double silver plated copper braid, 3.95mm
Jacket	Black UV stabilised, 4.95mm outside diameter
Mechanical specifications	
Minimum bend radius	25.0mm
Operating temperature	-55°C to + 200°C
Electrical specifications	
Impedance	50 Ohms
Nominal capacitance	96.45 pF/m
Velocity of propagation	70%
Maximum voltage	1,900 VMS
Frequency	DC~6GHz
Attenuation - typical	
	dB per 100 metres
100MHz	12.5dB
400MHz	25.6dB
1.2GHz	42.0dB
3000MHz	78.1dB
5000MHz	105.0dB





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Suitable installation accessories



Suitable coaxial connectors - alternate options available, consult ZCG



Additional waterproofing -recommended

