



RG316

UV Stabilised jacket miniature Teflon Insulated 50 Ohm Coaxial Cable



RG316 miniature 50 Ohm, UV stabilised jacket 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 3 GHz.

This coaxial cable is available in 100m roll, or request a custom cable assembly, please consult ZCG for more information.

RG316 Teflon dielectric, UV stabilised jacket coaxial cable

Order code - per metre	7853-2
Order code - 100m roll	7853-2-100
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	Black uv stabilised PE, 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
Frequency	DC~3 GHz

Attenuation - typical dB per 100 metres

100 MHz	26.2 dB
400 MHz	53.1 dB
1000 MHz	85.6 dB
3000 MHz	153.2 dB

