

## RG174A/U

### Miniature MIL SPEC 50 Ohm Coaxial Cable

RG174A/U is a miniature MIL Spec, 50 Ohm coaxial cable useful for frequencies up to 1GHz.

Typical uses include connecting electronic and telecommunications equipment or measuring instruments.

This coaxial cable is available in 500m roll, please consult ZCG for more information.



Specifications	RG174A/U
Order Code 500m Roll	7877-500
Centre Conductor	Copper plated 7 strand steel, 0.48mm
Dielectric	Polyethylene (PE), 1.48mm
Overall Braid	Tinned plated copper
Jacket	Black PVC, 2.80mm outside diameter
<b>Mechanical Specifications</b>	
Minumum Bend Radius	15.0mm
Weight	1.2Kg per 100 metres
Operating Temperature	-40°C to +85°C
<b>Electrical Specifications</b>	
Impedance	50 Ohms
Nominal Capacitance	100.7 pF/m
Velocity of Propogation	70%

Attenuation figures on following page...



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Attenuation	Per 100 metres
50MHz	20dB
100MHz	29dB
200MHz	42dB
300MHz	52dB
400MHz	61dB
500MHz	69dB
600MHz	76dB
700MHz	82dB
800MHz	89dB
900MHz	95dB
1GHz	101dB
Maximum Power	
50MHz	160 Watts
100MHz	80 Watts
200MHz	80 Watts
400MHz	60 Watts
1GHz	35 Watts

