

RG58A/U

Stranded MIL-SPEC 50 Ohm coaxial cable

RG58A/U stranded MIL-SPEC, 50 Ohm coaxial cable is suitable for low power applications in the lower frequency range, such as UHF CB 477MHz communications.

This range of RG58 stranded MIL-SPEC is available in either white outer jacket or black outer jacket (UV Rated)

This coaxial cable is available in 100m or 300m roll, please consult ZCG for more information.



Specifications	RG58 stranded 7803
Order code 100m roll	7803-100 - black only
Order code 300m roll	7803-300 - black or 7803-300/W - white
Centre conductor	Tinned copper, 19 strand, each 0.18mm
Dielectric	Solid polyethylene (PE), 2.95mm
Shield	Bonded Aluminium Foil
Overall braid	Tinned copper, 93% coverage, 16 x 6 x 0.127mm
Jacket	PVC, 4.95mm outside diameter
Mechanical specifications	
Minimum bend radius	25mm single bend
Weight	30kg per 100 metres
Operating temperature	-20°C to +75°C
Electrical specifications	
Impedance	50 Ohm
Nominal capacitance	101.0 pF/m
Velocity of propagation	66%
Life expectancy	10-15 Years Dry or 3-5 Years Wet



Attenuation figures on following page...

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Attenuation	Per 100 metres
30MHz	7.00dB
50MHz	8.90dB
150MHz	15.5dB
220MHz	18.8dB
450MHz	27.0dB
900MHz	38.5dB
1500MHz	50.0dB
1800MHz	55.1dB
2000MHz	58.3dB
2500MHz	65.4dB
Maximum power	
10MHz	1,000 Watts
50MHz	425 Watts
100MHz	290 Watts
200MHz	190 Watts
400MHz	105 Watts
1GHz	60 Watts
3GHz	25 Watts
5GHz	20 Watts

