

## 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
Shield	Bonded Aluminium Foil
Dielectric	Solid polyethylene (PE)
Overall braid	Tinned copper
Jacket	PVC, 4.95mm outside diameter
<b>Mechanical specifications</b>	
Minimum bend radius	25mm single bend
Weight	3Kg per 100 metres
Operating temperature	-40°C to +85°C
<b>Electrical specifications</b>	
Impedance	50 Ohm
Nominal capacitance	93.5 pF/m
Velocity of propagation	66%
UV rating	60UL @ 60°C
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	7.60dB
50MHz	10.90dB
100MHz	17.48dB
400MHz	33.08dB
450MHz	35.67dB
700MHz	56.20dB
800MHz	61.06dB
900MHz	65.92dB
1GHz	70.80dB
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

