

RG58 low loss

Low loss, solid core MIL-SPEC 50 Ohm coaxial cable

RG58 low loss solid core MIL-SPEC, 50 Ohm coaxial cable is particularly useful for applications such as cellular antenna installations. (UV Rated)

This range of RG58 low loss solid core MIL-SPEC is available in either white outer jacket or black outer jacket.

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



Specifications	RG58 low loss 7839
Order code 100m roll	7839-100 - black only
Order code 300m roll	7839-300 - black or 7839W-300 - white
Centre conductor	Solid bare copper, 1.02mm
Dielectric	Foamed polyethylene 2.95mm (PE)
Outer conductor	Aluminium tape
Overall braid	Tinned copper, >93% coverage, 16 x 6 x 0.127mm
Jacket	Polyethylene (PE), 4.95mm outside diameter
Mechanical specifications	
Minimum bend radius	25mm single bend, 50mm multiple bends.
Weight	30kg per 100 metres
Operating temperature	-20°C to +70°C
Electrical specifications	
Impedance	50 Ohms
Nominal capacitance	101.0 pF/m
Velocity of propagation	66%



Attenuation figures on following page...

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Attenuation	Per 100 metres
30MHz	6.3dB
50MHz	8.1dB
150MHz	14.1dB
220MHz	17.1dB
450MHz	24.6dB
900MHz	35.0dB
1500MHz	45.6dB
1800MHz	50.1dB
2000MHz	53.0dB
2500MHz	59.5dB

