



## RG58 low loss

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

  
In-stock  
Ready to  
Ship  
\*Build to order  
item

RG58 low loss, solid core MIL-SPEC, 50 Ohm coaxial cable is particularly useful for applications such as mobile phone/cellular installations.

This range of RG58 low loss solid core 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.



### MIL-SPEC RG58 low loss, solid core

Order code 100m roll	7839-100 - black only
Order code 300m roll	7839-300 - black or 7839W-300 - white
Order code 500m roll*	7839-500 - black only, <u>special order and minimum order qty applies, contact ZCG for more information</u>
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), 5.07mm outside diameter

### Mechanical specifications

Minimum bend radius	25mm single bend, 50mm multiple bends.
Weight	3kg per 100 metres
Operating temperature	-20°C to +70°C

### Electrical specifications

Impedance	50 Ohms
Nominal capacitance	101.0 pF/m
Velocity of propagation	80%



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





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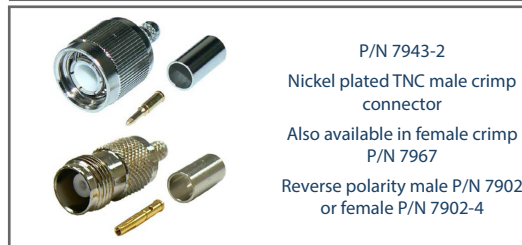
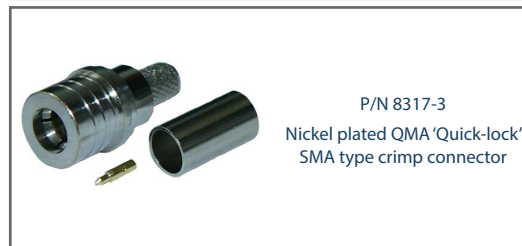
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### Suitable installation accessories



### Suitable coaxial connectors



### Additional waterproofing -recommended

