



## RG63B/U

Foam Polyethylene dielectric  
125 Ohm coaxial cable

  
In-stock  
Ready to  
Ship

RG63B/U 125 Ohm coaxial cable has a foam polyethylene dielectric to ensure the centre conductor is kept central.

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

### RG63B/U - 7813

Centre conductor	Copper clad steel, 0.635mm $\pm$ 0.008mm
Dielectric	Foam Polyethylene (PE), 7.25mm $\pm$ 0.01mm
Outer conductor	Bare copper braid, 95% coverage
Jacket	Black PVC, 10.3mm $\pm$ 0.2mm

### Mechanical specifications

Weight	20.6kg per 100 metres
Operating temperature	-15°C to +75°C

### Electrical specifications

Impedance	125 Ohm $\pm$ 3 Ohm
Frequency	DC~1 GHz - unswept
Conductor DC resistance	135 Ohm/km
Dielectric voltage resistance	5.5kV
Sheath voltage resistance	5.0kV
Nominal capacitance	32 pF/m $\pm$ 10%

### Frequency Attenuation maximum (db/100m)

Frequency	Attenuation maximum (db/100m)
10 MHz	1.75
50 MHz	3.8
100 MHz	5.2
200 MHz	7.85
400 MHz	11.5
700 MHz	15.5
900 MHz	18.85
1000 MHz	19.75

