



ZCG1250

**1/2" corrugated shielded, flexible foam dielectric
50 Ohm coaxial cable**


In-stock
Ready to
Ship

Our 1/2" flexible foam dielectric, 50 Ohm coaxial cable has specifications and attenuation performance to match or surpass all other brands.

This coaxial cable is available in metre cut lengths or by the roll, please consult ZCG for more information.

1/2" flexible corrugated shielded, foam dielectric, coaxial cable	
Order code - per metre	ZCG1250
Order code 500m roll	ZCG1250-500
Centre conductor	Copper-clad, solid aluminium wire, 4.8mm
Dielectric	Physical foam polyethylene (PE), 12.30mm
Outer conductor	Corrugated copper tube, 13.8mm
Jacket	Black polyethylene (PE), 15.7mm outside diameter - low smoke halogen-free fire retardant available
Mechanical specifications	
Minimum bend radius	Installation: 50mm Repeated: 125mm
Weight	24.0kg per 100 metres
Operating temperature	-55°C to +85°C
Electric specifications	
Impedance	50 Ohm
Nominal capacitance	76.0 pF/m
Velocity of propagation	88%
Shielding effectiveness	>10MHz >120dB
Insulation resistance	5000MΩ km
RF peak voltage	1.60kV
Peak power rating	40kW
Maximum frequency	DC~8.8GHz



Alternative models available	
ZCG1250-LSZH	1/2" low smoke, halogen free, flexible foam dielectric, 50 Ohm
ZCG1250-LSZH-500	500m roll

Attenuation figures on following page...



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Attenuation	Per 100 metres	Maximum power
100MHz	2.17dB	3.94kW
150MHz	2.67dB	3.17kW
200MHz	3.10dB	2.75kW
280MHz	3.69dB	2.27kW
450MHz	4.74dB	1.80kW
800MHz	6.45dB	1.33kW
900MHz	6.87dB	1.25kW
1000MHz	7.28dB	1.18kW
1500MHz	9.08dB	0.95kW
1800MHz	10.05dB	0.86kW
2000MHz	10.66dB	0.81kW
2200MHz	11.24dB	0.77kW
2400MHz	11.80dB	0.75kW
2500MHz	12.08dB	0.73kW
3000MHz	13.39dB	0.65kW

