

ZCG7850

7/8" Flexible Foam Dielectric 50 Ohm Coaxial Cable

Our 7/8" foam flexible dielectric, 50 Ohm coaxial cable has specifications and attenuation performance to match or surpass all other brands on the market.

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



Specifications	7/8" Flexible Coaxial Cable (ZCG7850)	
Order Code	ZCG7850	
Order Code 500m Roll	ZCG7850-500	
Centre Conductor	Helical copper tube, 9.4mm	
Dielectric	Physical foam polyethylene (PE), 23.0mm	
Outer Conductor	Corrugated copper tube, 24.9mm	
Jacket	Black polyethylene (PE) or Low smoke halogen-free fire retardant, 27.5mm outside diameter	
Mechanical Specifications		
Minimum Bend Radius	Installation: 80mm	Repeated: 125mm
Weight	46Kg per 100 metres	
Operating Temperature	-55°C to +85°C	
Electric Specifications		
Impedance	50 Ohm	
Nominal Capacitance	76 pF/m	
Velocity of Propagation	88%	
DC Resistance	Inner Conductor	2.90 Ohms/Km
	Outer Conductor	1.20 Ohms/Km
Maximum Frequency	4.9GHz	

Attenuation figures on following page...



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Attenuation	Per 100 metres
100MHz	1.30dB
200MHz	1.87dB
450MHz	2.85dB
800MHz	3.90dB
900MHz	4.15dB
1GHz	4.42dB
1.5GHz	5.53dB
1.8GHz	6.12dB
2GHz	6.52dB
2.2GHz	6.90dB
2.4GHz	7.35dB
5GHz	8.25dB
Maximum Power	
100MHz	6,620 Watts
200MHz	4,600 Watts
450MHz	2,990 Watts
800MHz	2,190 Watts
900MHz	2,060 Watts
1GHz	1,930 Watts
1.5GHz	1,540 Watts
1.8GHz	1,390 Watts
2GHz	1,310 Watts
2.2GHz	1,240 Watts
2.5GHz	1,190 Watts
5GHz	1,040 Watts

