



ZCG7850

**7/8" flexible, corrugated shielded, foam dielectric
50 Ohm coaxial cable**


In-stock
Ready to
Ship

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.



7/8" flexible, corrugated shielded, foam dielectric coaxial cable	
Order code - per metre	ZCG7850
Order code 500m roll	ZCG7850-500
Centre conductor	Smooth copper tube, 9.3mm
Dielectric	Physical foam polyethylene (PE), 22.8mm
Outer conductor	Corrugated copper tube, 25.40mm
Jacket	Black polyethylene (PE) 27.80mm outside diameter - low smoke halogen-free fire retardant available
Mechanical Specifications	
Weight	46.0kg per 100 metres
Operating temperature	-55°C to +85°C
Max. number of bends	50
Electric Specifications	
Impedance	50 Ohms
Nominal capacitance	74.0 pF/m
Velocity of propagation	89%
RF Peak voltage	3.00KV
Peak power rating	91kW
Shielding effectiveness	>10MHz >120dB
Insulation resistance	5000MΩ km
Frequency	DC~4.9GHz



Attenuation figures on following page...



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Attenuation	dB per 100 metres	Maximum power
100MHz	1.16dB	7.49kW
150MHz	1.43dB	6.05kW
200MHz	1.66dB	5.21kW
280MHz	1.99dB	4.33kW
450MHz	2.56dB	3.39kW
800MHz	3.51dB	2.48kW
900MHz	3.75dB	2.32kW
1000MHz	3.97dB	2.19kW
1500MHz	4.99dB	1.74kW
1800MHz	5.54dB	1.53kW
2000MHz	5.88dB	1.48kW
2200MHz	6.21dB	1.42kW
2400MHz	6.54dB	1.31kW
2500MHz	6.69dB	1.26kW
3000MHz	7.45dB	1.17kW





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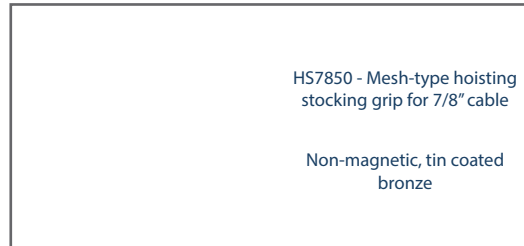

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Suitable installation accessories



HC7850 - Pack of 10 UV stabilised PVC cable hanger clamps

Requires mounting hardware for fixing to tower/structure.



HS7850 - Mesh-type hoisting stocking grip for 7/8" cable

Non-magnetic, tin coated bronze



SHC7850 - pack of 10 304 stainless steel 'snap-in' cable hangers for 7/8" cable

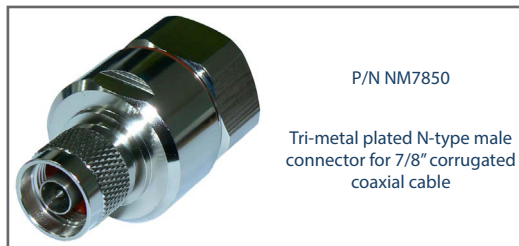
Requires 19mm (3/4") installation hole



RSB-78 - pack of 10 304 stainless steel cable clamps for 7/8" cable

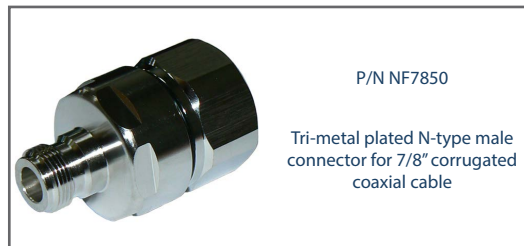
Requires mounting hardware for fixing to tower/structure.

Suitable coaxial connectors



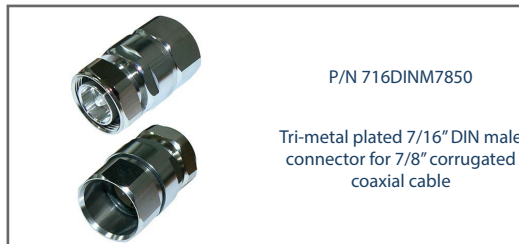
P/N NM7850

Tri-metal plated N-type male connector for 7/8" corrugated coaxial cable



P/N NF7850

Tri-metal plated N-type female connector for 7/8" corrugated coaxial cable



P/N 716DINM7850

Tri-metal plated 7/16" DIN male connector for 7/8" corrugated coaxial cable



P/N 716DINF7850

Tri-metal plated 7/16" DIN female connector for 7/8" corrugated coaxial cable



P/N 78EIA7850

Chrome and silver plated 7/8" EIA flanged connector for 7/8" corrugated coaxial cable



P/N 158EIA7850

Chrome and silver plated 1-5/8" EIA flanged connector for 7/8" corrugated coaxial cable



P/N A-8574

Self-bonding amalgamation butyl rubber tape - 10m roll



P/N A-8651-0

Flame retardant