



ZCG1580-A

1-5/8" flexible air dielectric - halogen free
50 Ohm coaxial cable



Our 1-5/8" air dielectric, 50 Ohm coaxial cable has specifications and attenuation performance to match or surpass all other brands on the market, suitable for UHF, VHF or Broadcast applications.

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



1-5/8" flexible air dielectric coaxial cable	
Order code - per metre	ZCG1580-A
Centre conductor	Corrugated copper tube, 18.6mm
Dielectric	Helical Polyethylene spacer
Outer conductor	Corrugated copper tube, 46.4mm
Jacket	Black polyethylene (PE) or Low smoke halogen-free fire retardant (specify) , 51mm outside diameter
Mechanical specifications	
Minimum bend radius	1200mm
Operating temperature	-40°C ~ +70°C
Electric specifications	
Impedance	50 Ohm (+/- 1.0 Ohm)
VSWR	87-108 MHz:
Inductance	0.175 μ H/m (0.053 μ H/ft)
Nominal capacitance	71 pF/m (21.3 pF/ft)
Peak power rating	270kW
RF peak voltage	7.2 kV
Jacket spark	9000 V RMS (AC)
Velocity of propagation	95%
Insulation resistance	1000 M Ω /Km
Frequency range	0.1~3.0 GHz



Attenuation figures on following page...



ZCG1580-A

1-5/8" flexible air dielectric - halogen free
50 Ohm coaxial cable



Frequency (MHz)	Average power (kW)
200	10.6
500	6.3
1000	4.2

Frequency (MHz)	Attenuation dB/100m
470-800	2.13



1-5/8" EIA air-pass flanged
connector for 1-5/8" air
dielectric coaxial cable

P/N 158EIA15850-AP

Nickel and silver plated



1-5/8" EIA air-stop flanged
connector for 1-5/8" air
dielectric coaxial cable

P/N 158EIA15850-AS

Nickel and silver plated

