

Foam polyethylene insulated coaxial cable

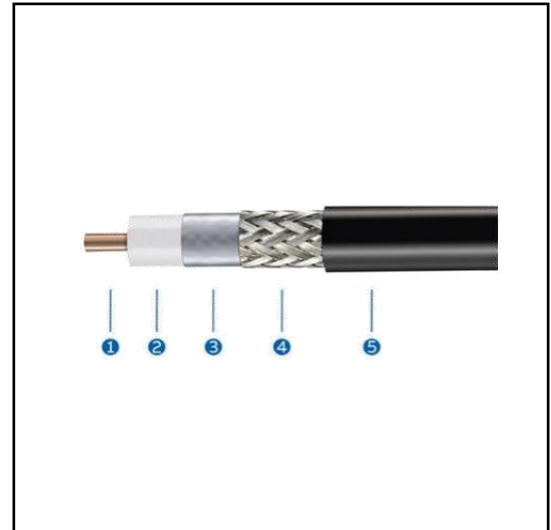
P/N:CL400

Features:

- Maximum operating frequency: 6GHz
- Good shielding effectiveness
- Low loss

Typical Applications:

- mobile communication
- Information Channel
- electronic countermeasure
- Base station feeder



Structural Materials and Dimensions:

Structure	Material	Diameter(mm)
1.Inner conductor	Bare copper	2.74
2.Dielectric	Foam PE	7.23
3.Outer conductor	Aluminum foil	7.39
4.Overall braid	Tin plated copper wire	8.13
5.Jacket	Black PE	10.29

Specifications:

Operating frequency range (GHz)	DC-6GHz
Impedance (Ω)	50 Ω
transmission speed (%)	>83%
Shielding efficiency(dB)	>90dB
Bending radius(installation) (mm)	25.40mm
Bending radius(repeated) (mm)	101.60mm
Weight (kg/m)	0.10kg/m
Operating temperature range ($^{\circ}\text{C}$)	-55 $^{\circ}\text{C}$ to+85 $^{\circ}\text{C}$
RoHS	Compliant

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Attenuation (dB/100m) typical value @ 25 °C sea level and Transmission power value

Frequency(MHz)	Attenuation(dB/100m)	Average power(kw)
30	2	3.33
50	3	2.57
150	5	1.47
220	6	1.20
450	9	0.83
900	13	0.58
1500	17	0.44
1800	19	0.40
2000	20	0.37
2500	22	0.33
5800	36	0.21
6000	37	0.19



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