

Foam polyethylene insulated coaxial cable

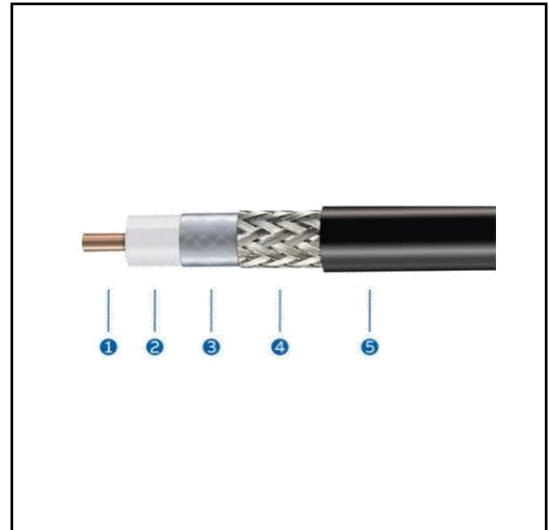
P/N:CL240

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	1.42
2.Dielectric	Foam PE	3.80
3.Outer conductor	Aluminum foil	3.93
4.Overall braid	Tin plated copper wire	4.52
5.Jacket	Black PE	6.10

Specifications:

Operating frequency range (GHz)	DC-6GHz
Impedance (Ω)	50 Ω
transmission speed (%)	>83%
Shielding efficiency(dB)	>90dB
Bending radius(installation) (mm)	19.10mm
Bending radius(repeated) (mm)	63.50mm
Weight (kg/m)	0.05kg/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	4	1.49
50	6	1.15
150	10	0.66
220	12	0.54
450	17	0.38
900	25	0.26
1500	32	0.20
1800	36	0.18
2000	38	0.17
2500	42	0.15
5800	67	0.10
6000	68	0.09



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