

Foam polyethylene insulated coaxial cable

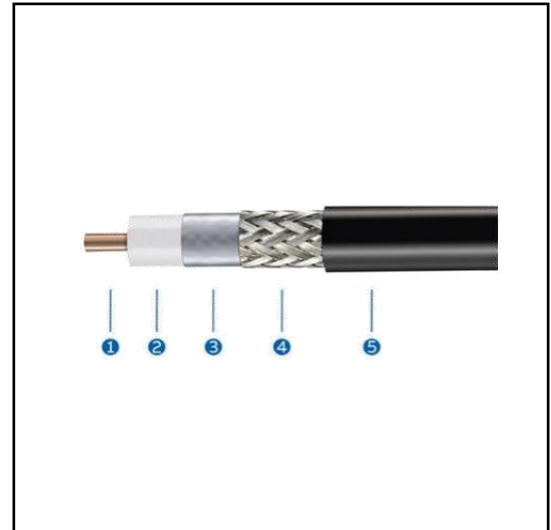
P/N:CL195

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	0.94
2.Dielectric	Foam PE	2.79
3.Outer conductor	Aluminum foil	2.95
4.Overall braid	Tin plated copper wire	3.54
5.Jacket	Black PE	4.95

Specifications:

Operating frequency range (GHz)	DC-6GHz
Impedance (Ω)	50 Ω
transmission speed (%)	>80%
Shielding efficiency(dB)	>90dB
Bending radius(installation) (mm)	12.70mm
Bending radius(repeated) (mm)	50.80mm
Weight (kg/m)	0.03kg/m
Operating temperature range (°C)	-55°C to+85°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	6	0.89
50	8	0.68
150	15	0.39
220	18	0.32
450	26	0.22
900	37	0.16
1500	48	0.12
1800	52	0.11
2000	55	0.10
2500	62	0.09
5800	98	0.06
6000	100	0.05



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