

## Foam polyethylene insulated coaxial cable

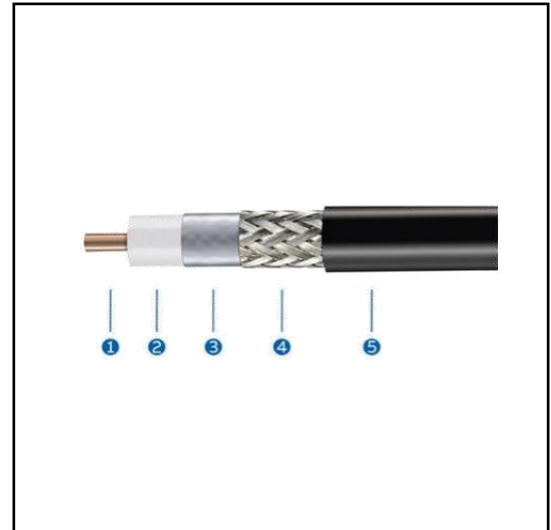
P/N:CL600

### 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	4.47
2.Dielectric	Foam PE	11.56
3.Outer conductor	Aluminum foil	11.70
4.Overall braid	Tin plated copper wire	12.46
5.Jacket	Black PE	14.99

### Specifications:

Operating frequency range (GHz)	DC-6GHz
Impedance ( $\Omega$ )	50 $\Omega$
transmission speed (%)	>83%
Shielding efficiency(dB)	>90dB
Bending radius(installation) (mm)	38.10mm
Bending radius(repeated) (mm)	152.40mm
Weight (kg/m)	0.20kg/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	1	5.51
50	2	4.24
150	3	2.41
220	4	1.97
450	6	1.35
900	8	0.93
1500	11	0.70
1800	12	0.63
2000	13	0.59
2500	15	0.52
5800	24	0.32
6000	24	0.30



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