

Foam polyethylene insulated ultra flexible coaxial cable

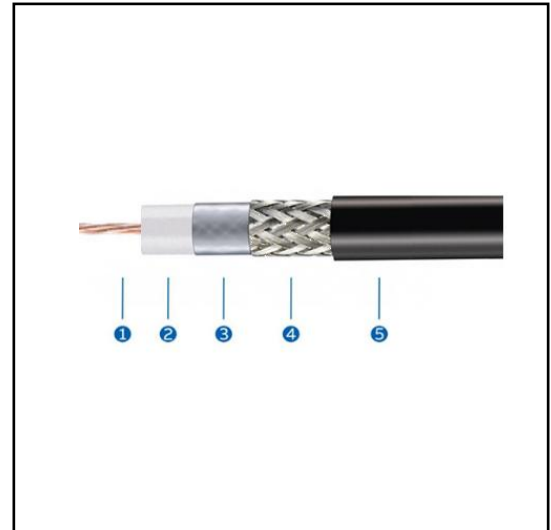
P/N:CL600R

Features:

- Maximum operating frequency: 6GHz
- Good shielding effectiveness
- Super soft

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 (Ω)	50 Ω
transmission speed (%)	>83%
Shielding efficiency(dB)	>90dB
Bending radius(installation) (mm)	38.10mm
Bending radius(repeated) (mm)	76.20mm
Weight (kg/m)	0.25kg/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	4.59
50	2	3.53
150	4	2.00
220	5	1.64
450	7	1.12
900	10	0.77
1500	13	0.58
1800	14	0.52
2000	15	0.49
2500	17	0.43
5800	29	0.26
6000	30	0.25



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