

## Foam polyethylene insulated ultra flexible coaxial cable

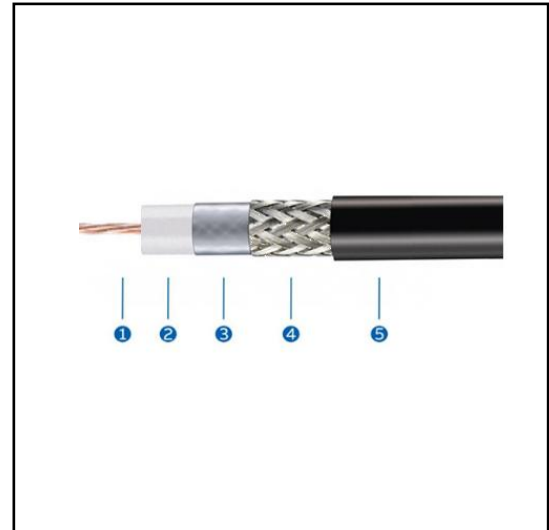
P/N:CL240R

### 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	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 ( $\Omega$ )	50 $\Omega$
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	5	1.24
50	7	0.96
150	12	0.55
220	14	0.45
450	21	0.31
900	30	0.22
1500	39	0.17
1800	43	0.15
2000	45	0.14
2500	51	0.13
5800	80	0.08
6000	82	0.08



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