

## Foam polyethylene insulated ultra flexible coaxial cable

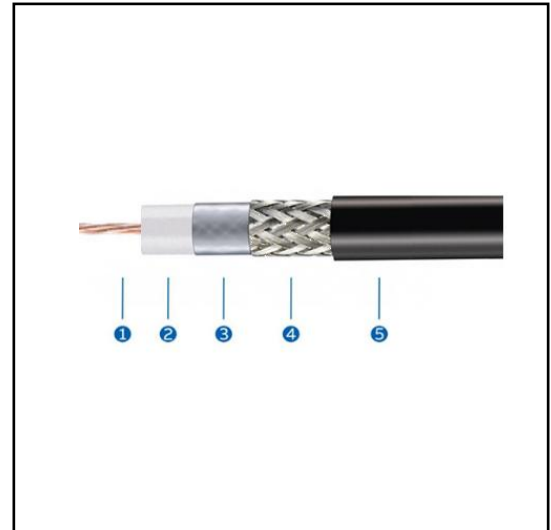
P/N:CL400R

### 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	2.74
2.Dielectric	Foam PE	7.25
3.Outer conductor	Aluminum foil	7.39
4.Overall braid	Tin plated copper wire	8.12
5.Jacket	Black PE	10.29

### Specifications:

Operating frequency range (GHz)	DC-6GHz
Impedance ( $\Omega$ )	50 $\Omega$
transmission speed (%)	>83%
Shielding efficiency(dB)	>90dB
Bending radius(installation) (mm)	25.40mm
Bending radius(repeated) (mm)	101.60mm
Weight (kg/m)	0.13kg/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	3	2.77
50	3	2.14
150	6	1.22
220	7	1.00
450	11	0.69
900	15	0.48
1500	20	0.36
1800	22	0.33
2000	24	0.31
2500	27	0.28
5800	43	0.17
6000	43	0.17



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