

Ultra low loss, stable amplitude, stable phase flexible coaxial cable

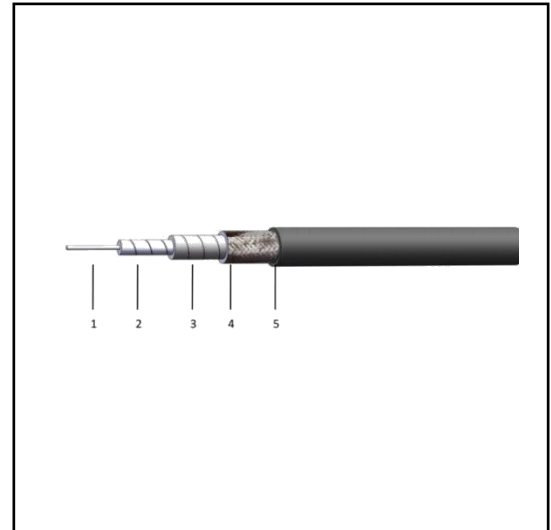
P/N:CA220

Features:

- Maximum operating frequency: 67GHz
- Low loss
- Stable amplitude and phase

Typical Applications:

- Tactical radar
- Information Channel
- electronic countermeasure
- High power cable



Structural Materials and Dimensions:

Structure	Material	Diameter(mm)
1.Center conductor	Silver plated copper	0.51
2.Dielectric	Low density PTFE	1.40
3.Outer conductor	Silver plated copper strip	1.58
4.External shielding	Silver plated copper wire	1.86
5.Jacket	FEP(gray)	2.20

Specifications:

Operating frequency range (GHz)	DC-67GHz
Impedance (Ω)	50 Ω
transmission speed (%)	80%
Dielectric strength (V,DC)	350 V,DC
Static bending radius (mm)	11mm
Dynamic bending radius (mm)	22mm
Weight (g/m)	16g/m
Operating temperature range ($^{\circ}\text{C}$)	-55 $^{\circ}\text{C}$ to+125 $^{\circ}\text{C}$
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)
1000	63.7	0.055
2000	90.8	0.039
3000	111.9	0.032
6000	160.4	0.022
8000	186.5	0.019
10000	209.8	0.017
12000	231.1	0.015
18000	287.1	0.012
26500	354.0	0.010
40000	444.0	0.008
67000	597.0	0.004



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