

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

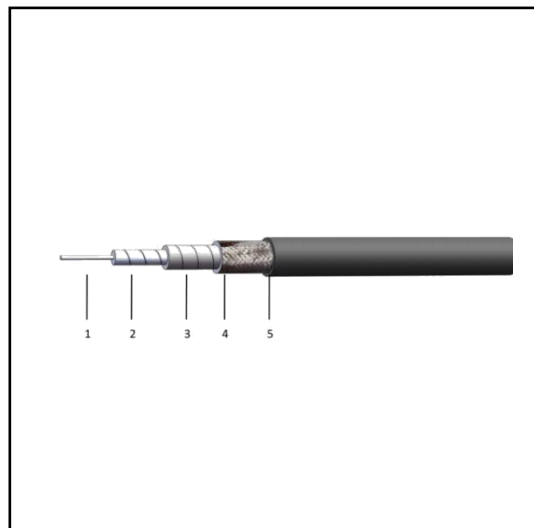
P/N:CA480

Features:

- Maximum operating frequency: 26.5GHz
- 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	1.40
2.Dielectric	Low density PTFE	3.83
3.Outer conductor	Silver plated copper strip	3.98
4.External shielding	Silver plated copper wire	4.39
5.Jacket	FEP	4.80

Specifications:

Operating frequency range (GHz)	DC-26.5GHz
Impedance (Ω)	50 Ω
transmission speed (%)	83%
Dielectric strength (V,DC)	1200 V,DC
Static bending radius (mm)	24mm
Dynamic bending radius (mm)	48mm
Weight (g/m)	55g/m
Operating temperature range (°C)	-55°C to+165°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	23.67	0.919
2000	33.73	0.646
4000	48.22	0.525
6000	59.54	0.368
8000	69.22	0.317
10000	77.86	0.282
12000	85.75	0.252
18000	106.48	0.207
26500	131.24	0.169



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