

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

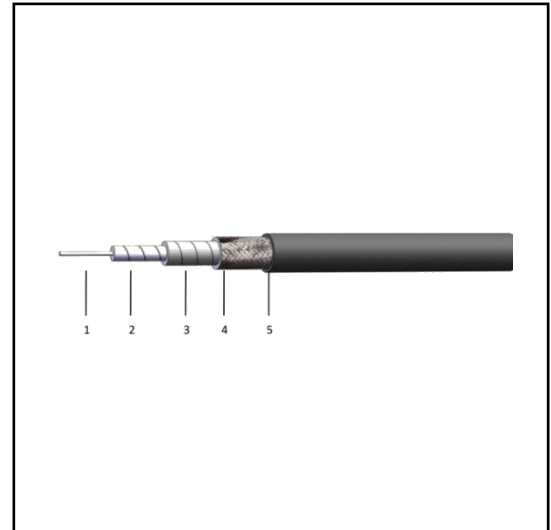
P/N:CA360

**Features:**

- Maximum operating frequency: 40GHz
- 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	0.91
2.Dielectric	Low density PTFE	2.50
3.Outer conductor	Silver plated copper strip	2.70
4.External shielding	Silver plated copper wire	3.15
5.Jacket	FEP(gray)	3.60

**Specifications:**

Operating frequency range (GHz)	DC-40GHz
Impedance ( $\Omega$ )	50 $\Omega$
transmission speed (%)	83%
Dielectric strength (V,DC)	1000 V,DC
Static bending radius (mm)	18mm
Dynamic bending radius (mm)	36mm
Weight (g/m)	33g/m
Operating temperature range ( $^{\circ}\text{C}$ )	-55 $^{\circ}\text{C}$ to+165 $^{\circ}\text{C}$
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	37.5	0.509
6000	93.8	0.203
18000	166.7	0.122
26500	204.8	0.093
40000	256.4	0.075



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