

CFE360

Flexible, Low-Loss,
Economy RF Coaxial Cable

Ver: S-A01



MECHANC



Structure & Dimension

	Structure	Dimension (mm)	Material
1	Inner Conductor	0.91	Silver Plated Copper
2	Insulating	2.65	LD-PTFE
3	Outer Conductor	2.78	Self-adhesive Al Foil
4	Shielding	3.15	Silver Plated Copper
5	Jacket	3.60	FEP

Specification

1	Operating Frequency(GHz)	18
2	Impedance(Ohms)	50
3	Velocity of Propagation	76%
4	Voltage Withstand (V,DC)	1500
5	Shielding Effectiveness(dB)	≥70
6	Weight(g/m)	29
7	Single Bend Radius(mm)	18.00
8	Repeated Bend Radius(mm)	36.00
9	Temperature Range(°C)	-55~+125

Attenuation (Typical@25°C & VSWR=1.0) VS. Frequency VS. Power (VSWR=1.0; 40°C; Sea Level)

Frequency (MHz)	1000	2000	3000	6000	8000	10000	12400	18000
Attenuation (dB/m)	0.387	0.550	0.677	0.969	1.125	1.264	1.415	1.723
Average Power (KW)	0.533	0.374	0.304	0.213	0.183	0.163	0.146	0.120

$$K1=1.2040320$$

$$K2=0.0006000$$

$$\text{Calculate Attenuation} = K1*\sqrt{\text{FMHz}}+K2*\text{FMHz}$$



MECHANC

ADD: No. 299 Songqiu Rd,Shanghai China

TEL: +86-021-5466 7179 (+86 150 0036 1136)

WEB: www.mechanc.com

MAIL: hgh@mechanc.com