

CFR260

Flexible, Economy & Good Stability,

Replace Semi-flex and Semi-rigid RF Coaxial Cable

Ver: S-A01



Structure & Dimension

	Structure	Dimension (mm)	Material
1	Inner Conductor	0.53	Silver Plated Copper
2	Insulating	1.68	PTFE
3	Outer Conductor	1.83	Silver Plated Copper Ribbon
4	Shielding	2.18	Silver Plated Copper
5	Jacket	2.65	FEP

Specification

1	Operating Frequency(GHz)	26.5
2	Impedance(Ohms)	50
3	Velocity of Propagation	70%
4	Voltage Withstand (V,DC)	1000
5	Shielding Effectiveness(dB)	≥90
6	Weight(g/m)	20
7	Single Bend Radius(mm)	13.50
8	Repeated Bend Radius(mm)	26.50
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	26500
Attenuation (dB/m)	0.628	0.911	1.137	1.677	1.979	2.254	2.560	3.204	4.072
Average Power (KW)	0.119	0.082	0.066	0.045	0.038	0.033	0.029	0.023	0.018

$$K1=1.8602360$$

$$K2=0.0039370$$

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



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