

CFT260S

Flexible, Ultra Low-Loss, Long Bending Life,

Suitable for Precision Testing, Phase & Amplitude Stable RF Coaxial Cable

Ver: DA-A01



Structure & Dimension

	Structure	Dimension (mm)	Material
1	Inner Conductor	0.51	Silver Plated Copper
2	Insulating	1.52	LD-PTFE
3	Outer Conductor	1.65	Silver Plated Copper Ribbon
4	Wrapping	1.75	AL-Mylar
5	Sandwich layer	1.90	PI
6	Shielding	2.20	Silver Plated Copper
7	Jacket	2.60	FEP

Specification

1	Operating Frequency(GHz)	67
2	Impedance(Ohms)	50
3	Velocity of Propagation	74%
4	Voltage Withstand (V,DC)	500
5	Shielding Effectiveness(dB)	≥90
6	Weight(g/m)	17
7	Single Bend Radius(mm)	13.00
8	Repeated Bend Radius(mm)	26.00
9	Temperature Range(°C)	-55~+165

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

Frequency (MHz)	300	1000	2000	4000	6000	10000	12000	18000	26500	40000	50000	67000
Attenuation (dB/m)	0.342	0.630	0.898	1.284	1.586	2.076	2.286	2.840	3.503	4.394	4.977	5.873
Average Power (KW)	0.499	0.271	0.190	0.133	0.108	0.082	0.075	0.060	0.049	0.039	0.034	0.029

$$K1=1.9537172$$

$$K2=0.0012174$$

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



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