CFS740T

Flexible, Ultra Low-Loss,

Phase & Amplitude Stable RF Coaxial Cable

Ver: S-A01

Structure & Dimension

	Structure	Dimension（mm）	Material
1	Inner Conductor	2.10	Silver Plated Copper
2	Insulating	5.70	LD-PTFE
3	Outer Conductor	5.95	Silver Plated Copper Ribbon
4	Sandwich layer	6.20	PTFE
5	Shielding	6.80	Silver Plated Copper
6	Jacket	7.60	FEP

Specification

1	Operating Frequency(GHz)	18
2	Impedance(Ohms)	50
3	Velocity of Propagation	83%
4	Voltage Withstand (V,DC)	2500
5	Shielding Effectiveness(dB)	≥90
6	Weight(g/m)	118
7	Single Bend Radius(mm)	38.00
8	Repeated Bend Radius(mm)	76.00
9	Temperature Range(℃)	-55～+165

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

Frequency（MHz）	1000	2000	3000	6000	8000	10000	12400	18000
Attenuation（dB/m）	0.167	0.237	0.291	0.414	0.479	0.537	0.599	0.725
Average Power（KW）	1.740	1.227	1.000	0.704	0.608	0.543	0.487	0.402

K1=0.5262790 K2=0.0001040

Calculate Attenuation ＝ K1*√FMHz+K2*FMHz

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