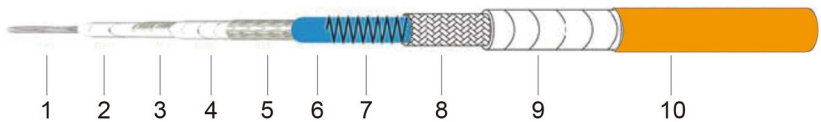
CFT420A70

Flexible, Low-Loss, Long Bending Life, Suitable for Precision Testing, Phase & Amplitude Stable Coaxial Cable



Structure & Dimension			
	Structure	**Dimension (mm)**	**Material**
1	Inner Conductor	1.02	Silver Plated Copper (Multi-fiber Stranded)
2	Insulating	2.70	LD-PTFE
3	Outer Conductor	2.95	Silver Plated Copper Ribbon
4	Sandwich layer	3.20	PTFE
5	Shielding	3.62	Silver Plated Copper
6	Jacket	4.20	FEP
7 ~ 9	Armor Layer	6.40	Fusion of Multiple Materials
10	Armor Jacket	7.00	Bicolor PTFE Weaving

Specification		
1	Operating Frequency (GHz)	40
2	Impedance (Ohms)	50
3	Phase Stability	≤±3° @ 18 GHz ; ≤±5° @ 26.5 GHz
4	Phase Stability (Temperature)	< 750 PPM @ -55℃ ~ +85℃
5	Amplitude Stability	≤±0.05 dB @ 40GHz
6	Velocity of Propagation	81%
7	Voltage Withstand (V,DC)	500
8	Shielding Effectiveness (dB)	> 90
9	Weight (g/m)	40.00
10	Single Bend Radius (mm)	70.00
11	Reapted Bend Radius (mm)	10万
12	Temperature Range (℃)	-55 ~ +165

Attenuation VS. Frequency VS. Power													
Frequency (MHz)	1000	2000	4000	6000	8000	10000	12400	18000	26500	40000			
Attenuation (dB/m)	0.394	0.560	0.797	0.981	1.138	1.277	1.427	1.733	2.123	2.641			
Average Power (KW)	0.567	0.399	0.280	0.228	0.196	0.175	0.157	0.129	0.105	0.085			