

## CFT780M

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



Structure & Dimension			
	Structure	Dimension (mm)	Material
1	Inner Conductor	2.39	Silver Plated Copper (Multi-fiber Stranded)
2	Insulating	6.16	LD-PTFE
3	Outer Conductor	6.40	Silver Plated Copper Ribbon
4	Sandwich layer	6.70	PTFE
5	Shielding	7.25	Silver Plated Copper
6	Jacket	7.80	FEP

  

Specification		
1	Operating Frequency (GHz)	18.0
2	Impedance (Ohms)	50
3	Phase Stability	≤±3° @18GHz
4	Phase Stability (Temperature)	<750PPM@-55°C~+85°C
5	Amplitude Stability	≤±0.1dB@18GHz
6	Velocity of Propagation	82%
7	Voltage Withstand (V,DC)	2000
8	Shielding Effectiveness(dB)	>90
9	Weight(g/m)	123
10	Single Bend Radius(mm)	40.00
11	Repeated Bend Radius(mm)	80.00
12	Temperature Range(°C)	-55~+165

  

Attenuation VS. Frequency VS. Power									
Frequency (MHz)	1000	2000	3000	6000	8000	10000	12400	18000	
Attenuation (dB/m)	0.167	0.238	0.293	0.421	0.489	0.550	0.617	0.753	
Average Power (KW)	1.604	1.125	0.913	0.637	0.548	0.487	0.435	0.356	