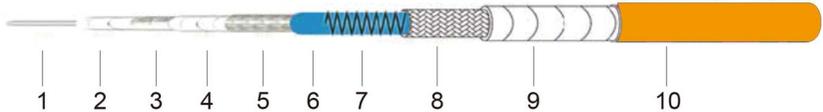


# CFT240A47

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



Structure & Dimension													
	Structure	Dimension (mm)	Material										
1	Inner Conductor	0.50	Silver Plated Copper										
2	Insulating	1.38	LD-PTFE										
3	Outer Conductor	1.54	Silver Plated Copper Ribbon										
4	Sandwich layer	1.82	PTFE										
5	Shielding	2.17	Silver Plated Copper										
6	Jacket	2.40	FEP										
7~9	Armor Layer	4.20	Fusion of Multiple Materials										
10	Armor Jacket	4.70	Bicolor PTFE Weaving										
Specification													
1	Operating Frequency (GHz)	67											
2	Impedance (Ohms)	50											
3	Phase Stability	$\leq \pm 7^\circ$ @ 67 GHz											
4	Phase Stability (Temperature )	< 750 PPM @ -55°C ~ +85°C											
5	Amplitude Stability	$\leq \pm 0.05$ dB @ 67 GHz											
6	Velocity of Propagation	81%											
7	Voltage Withstand (V,DC)	500											
8	Shielding Effectiveness (dB)	> 90											
9	Weight (g/m)	30.00											
10	Single Bend Radius (mm)	50.00											
11	Reapted Bend Radius (mm)	100000											
12	Temperature Range (°C )	-55 ~ +165											
Attenuation VS. Frequency VS. Power													
Frequency (MHz)	300	500	1000	3000	6000	10000	12400	18000	26500	35000	40000	50000	67000
Attenuation (dB/m)	0.346	0.448	0.637	1.119	1.604	2.098	2.352	2.871	3.540	4.124	4.440	5.028	5.932
Average Power (KW)	0.178	0.137	0.097	0.055	0.038	0.029	0.026	0.021	0.017	0.015	0.014	0.012	0.010