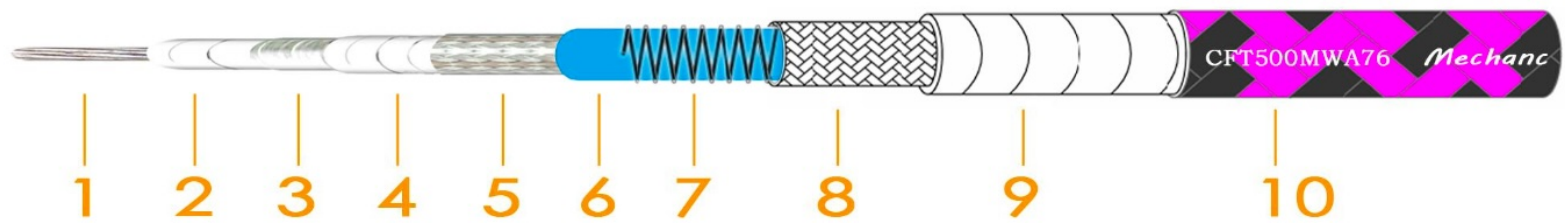


CFT500MWA76

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



Structure & Dimension									
	Structure			Dimension (mm)			Material		
1	Inner Conductor			1.44			Silver Plated Copper (Multi-fiber Stranded)		
2	Insulating			3.85			LD-PTFE		
3	Outer Conductor			4.05			Silver Plated Copper Ribbon		
4	Sandwich layer			4.30			PTFE		
5	Shielding			4.65			Silver Plated Copper		
6	Jacket			5.10			FEP		
7~9	Armor Layer			7.00			Fusion of Multiple Materials		
10	Armor Jacket			7.55			Bicolor PTFE Weaving		
Specification									
1	Operating Frequency (GHz)						26.5		
2	Impedance (Ohms)						50		
3	Phase Stability						≤±5° @26.5GHz		
4	Phase Stability (Temperature)						<750PPM@-55°C~+85°C		
5	Amplitude Stability						≤±0.05dB@26.5GHz		
6	Velocity of Propagation						82%		
7	Voltage Withstand (V,DC)						2000		
8	Shielding Effectiveness(dB)						>90		
9	Single Bend Radius(mm)						50.00		
10	Single Bend Radius(mm)						80.00		
11	Life Cycle						600000		
12	Temperature Range(°C)						-45~+85		
Attenuation VS. Frequency VS. Power									
Frequency (MHz)	1000	2000	4000	6000	8000	10000	12400	18000	26500
Attenuation (dB/m)	0.271	0.389	0.560	0.696	0.813	0.919	1.035	1.274	1.588
Average Power (KW)	0.821	0.573	0.397	0.320	0.274	0.242	0.215	0.175	0.140