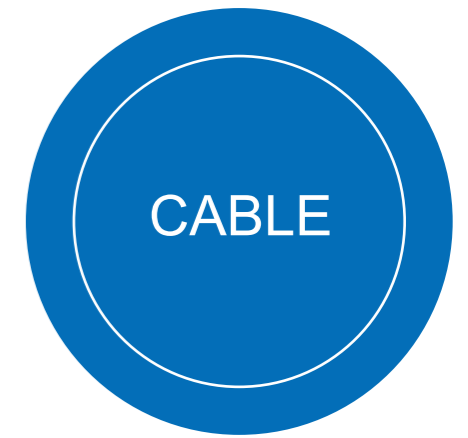
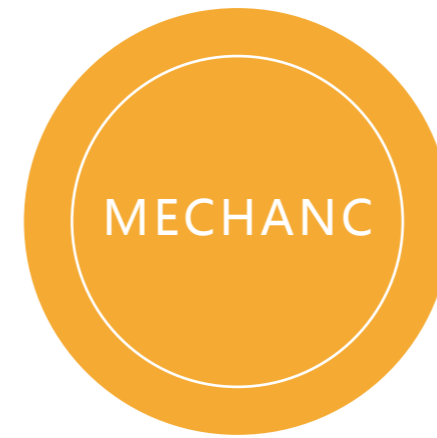




Flexible, Thin, Low-Loss, Long Bending Life,
Suitable for Precision Testing, Phase & Amplitude Stable Coaxial Cables

CFT Series



CFT150

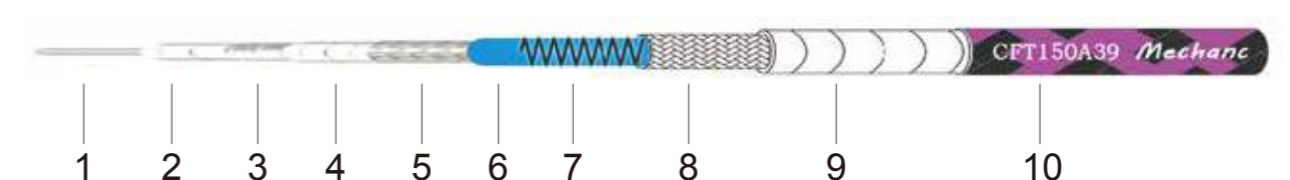
Flexible, Thin, Low-Loss, Long Bending Life,
Suitable for Precision Testing, Phase & Amplitude Stable Coaxial Cable



Structure & Dimension												
	Structure	Dimension (mm)	Material									
1	Inner Conductor	0.31	Silver Plated Copper									
2	Insulating	0.88	LD-PTFE									
3	Outer Conductor	1.00	Silver Plated Copper Ribbon									
4	Sandwich layer	1.20	PTFE									
5	Shielding	1.45	Silver Plated Copper									
6	Jacket	1.85	FEP									
Specification												
1	Operating Frequency (GHz)	110										
2	Impedance (Ohms)	50										
3	Phase Stability	$\leq \pm 5^\circ$ @ 18 GHz ; $\leq \pm 7^\circ$ @ 26.5 GHz										
4	Phase Stability (Temperature)	< 750 PPM @ -55°C ~ +85°C										
5	Amplitude Stability	$\leq \pm 0.15$ dB @ 18 GHz										
6	Velocity of Propagation	80%										
7	Voltage Withstand (V,DC)	400										
8	Shielding Effectiveness (dB)	> 90										
9	Weight (g/m)	8										
10	Single Bend Radius (mm)	10.00										
11	Reapted Bend Radius (mm)	20.00										
12	Temperature Range (°C)	-55 ~ +125										
Attenuation VS. Frequency VS. Power												
Frequency (MHz)	1000	2000	3000	6000	8000	18000	26500	40000	67000	75000	110000	
Attenuation (dB/m)	1.137	1.616	1.985	2.829	3.280	4.993	6.115	7.604	10.027	10.659	13.143	
Average Power (KW)	0.039	0.027	0.022	0.016	0.014	0.009	0.007	0.006	0.004	0.004	0.003	

CFT150A39

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



Structure & Dimension												
	Structure	Dimension (mm)	Material									
1	Inner Conductor	0.31	Silver Plated Copper									
2	Insulating	0.88	LD-PTFE									
3	Outer Conductor	1.00	Silver Plated Copper Ribbon									
4	Sandwich layer	1.20	PTFE									
5	Shielding	1.45	Silver Plated Copper									
6	Jacket	1.85	FEP									
7~9	Armor Layer	3.29	Fusion of Multiple Materials									
10	Armor Jacket	3.84	Bicolor PTFE Weaving									
Specification												
1	Operating Frequency (GHz)	110										
2	Impedance (Ohms)	50										
3	Phase Stability	$\leq \pm 10^\circ$ @ 110 GHz										
4	Phase Stability (Temperature)	< 750 PPM @ -55°C ~ +85°C										
5	Amplitude Stability	$\leq \pm 0.1$ 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)	500000										
12	Temperature Range (°C)	-55 ~ +125										
Attenuation VS. Frequency VS. Power												
Frequency (MHz)	1000	2000	3000	6000	8000	18000	26500	40000	67000	75000	110000	
Attenuation (dB/m)	1.137	1.616	1.985	2.829	3.280	4.993	6.115	7.604	10.027	10.659	13.143	
Average Power (KW)	0.039	0.027	0.022	0.016	0.014	0.009	0.007	0.006	0.004	0.004	0.003	

CFT240

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



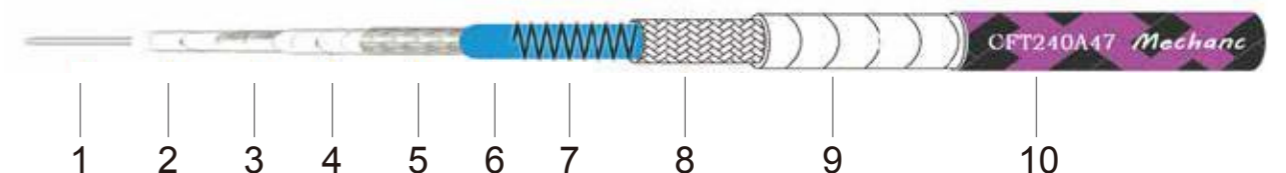
Structure & Dimension			
	Structure	Dimension (mm)	Material
1	Inner Conductor	0.50	Silver Plated Copper
2	Insulating	1.38	LD-PTFE
3	Outer Conductor	1.54	Silver Plated Copper Ribbon
4	Sandwich layer	1.82	PTFE
5	Shielding	2.17	Silver Plated Copper
6	Jacket	2.40	FEP

Specification		
1	Operating Frequency (GHz)	67
2	Impedance (Ohms)	50
3	Phase Stability	$\leq \pm 3^\circ$ @ 18 GHz ; $\leq \pm 5^\circ$ @ 26.5 GHz
4	Phase Stability (Temperature)	< 750 PPM @ -55°C ~ +85°C
5	Amplitude Stability	$\leq \pm 0.1$ dB @ 18 GHz
6	Velocity of Propagation	81%
7	Voltage Withstand (V,DC)	500
8	Shielding Effectiveness (dB)	> 90
9	Weight (g/m)	16
10	Single Bend Radius (mm)	12.00
11	Reapted Bend Radius (mm)	24.00
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

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

CFT360

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



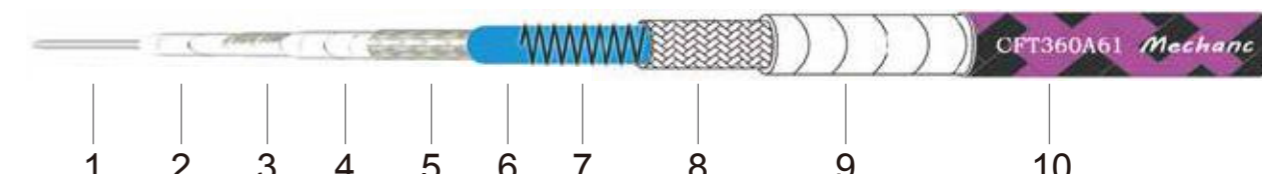
Structure & Dimension			
	Structure	Dimension (mm)	Material
1	Inner Conductor	0.72	Silver Plated Copper
2	Insulating	2.21	LD-PTFE
3	Outer Conductor	2.38	Silver Plated Copper Ribbon
4	Sandwich layer	2.68	PTFE
5	Shielding	3.14	Silver Plated Copper
6	Jacket	3.60	FEP

Specification		
1	Operating Frequency (GHz)	50
2	Impedance (Ohms)	50
3	Phase Stability	$\leq \pm 3^\circ$ @ 18 GHz ; $\leq \pm 5^\circ$ @ 26.5 GHz
4	Phase Stability (Temperature)	< 750 PPM @ -55°C ~ +85°C
5	Amplitude Stability	$\leq \pm 0.1$ dB @ 18 GHz
6	Velocity of Propagation	76%
7	Voltage Withstand (V,DC)	500
8	Shielding Effectiveness (dB)	> 90
9	Weight (g/m)	30
10	Single Bend Radius (mm)	18.00
11	Reapted Bend Radius (mm)	36.00
12	Temperature Range (°C)	-55 ~ +165

Attenuation VS. Frequency VS. Power												
Frequency (MHz)	1000	2000	4000	6000	8000	10000	12400	18000	26500	40000	50000	
Attenuation (dB/m)	0.438	0.622	0.885	1.088	1.261	1.415	1.581	1.918	2.348	2.917	3.285	
Average Power (KW)	0.506	0.356	0.250	0.204	0.176	0.157	0.140	0.116	0.094	0.076	0.067	

CFT360A61

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



Structure & Dimension			
	Structure	Dimension (mm)	Material
1	Inner Conductor	0.72	Silver Plated Copper
2	Insulating	2.21	LD-PTFE
3	Outer Conductor	2.38	Silver Plated Copper Ribbon
4	Sandwich layer	2.68	PTFE
5	Shielding	3.14	Silver Plated Copper
6	Jacket	3.60	FEP
7~9	Armor Layer	5.45	Fusion of Multiple Materials
10	Armor Jacket	6.10	Bicolor PTFE Weaving

Specification		
1	Operating Frequency (GHz)	50
2	Impedance (Ohms)	50
3	Phase Stability	$\leq \pm 3^\circ$ @ 18 GHz ; $\leq \pm 5^\circ$ @ 26.5 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	76%
7	Voltage Withstand (V,DC)	500
8	Shielding Effectiveness (dB)	> 90
9	Weight (g/m)	30.00
10	Single Bend Radius (mm)	60.00
11	Reapted Bend Radius (mm)	100000
12	Temperature Range (°C)	-55 ~ +165

Attenuation VS. Frequency VS. Power												
Frequency (MHz)	1000	2000	4000	6000	8000	10000	12400	18000	26500	40000	50000	
Attenuation (dB/m)	0.438	0.622	0.885	1.088	1.261	1.415	1.581	1.918	2.348	2.917	3.285	
Average Power (KW)	0.506	0.356	0.250	0.204	0.176	0.157	0.140	0.116	0.094	0.076	0.067	

CFT420

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



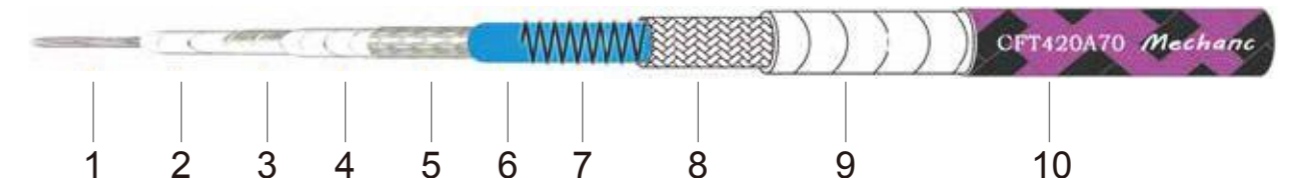
Structure & Dimension			
	Structure	Dimension (mm)	Material
1	Inner Conductor	1.02	Silver Plated Copper (Multi-fiber Stranded)
2	Insulating	2.70	LD-PTFE
3	Outer Conductor	2.95	Silver Plated Copper Ribbon
4	Sandwich layer	3.20	PTFE
5	Shielding	3.62	Silver Plated Copper
6	Jacket	4.20	FEP

Specification		
1	Operating Frequency (GHz)	40
2	Impedance (Ohms)	50
3	Phase Stability	$\leq \pm 3^\circ$ @ 18 GHz ; $\leq \pm 5^\circ$ @ 26.5 GHz
4	Phase Stability (Temperature)	< 750 PPM @ -55°C ~ +85°C
5	Amplitude Stability	$\leq \pm 0.1$ dB @ 18 GHz
6	Velocity of Propagation	81%
7	Voltage Withstand (V,DC)	500
8	Shielding Effectiveness (dB)	> 90
9	Weight (g/m)	40
10	Single Bend Radius (mm)	21.00
11	Reapted Bend Radius (mm)	42.00
12	Temperature Range (°C)	-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	

CFT420A70

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



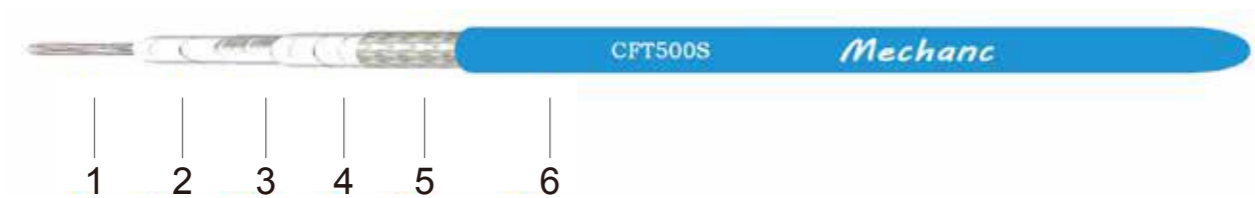
Structure & Dimension			
	Structure	Dimension (mm)	Material
1	Inner Conductor	1.02	Silver Plated Copper (Multi-fiber Stranded)
2	Insulating	2.70	LD-PTFE
3	Outer Conductor	2.95	Silver Plated Copper Ribbon
4	Sandwich layer	3.20	PTFE
5	Shielding	3.62	Silver Plated Copper
6	Jacket	4.20	FEP
7~9	Armor Layer	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	$\leq \pm 3^\circ$ @ 18 GHz ; $\leq \pm 5^\circ$ @ 26.5 GHz
4	Phase Stability (Temperature)	< 750 PPM @ -55°C ~ +85°C
5	Amplitude Stability	$\leq \pm 0.05$ 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 (°C)	-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	

CFT500S

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	3.80	LD-PTFE										
3	Outer Conductor	4.00	Silver Plated Copper Ribbon										
4	Sandwich layer	4.32	PTFE										
5	Shielding	4.63	Silver Plated Copper										
6	Jacket	5.90	PUR										
Specification													
1	Operating Frequency (GHz)	26.5											
2	Impedance (Ohms)	50											
3	Phase Stability	$\leq \pm 3^\circ$ @ 18 GHz ; $\leq \pm 5^\circ$ @ 26.5 GHz											
4	Phase Stability (Temperature)	< 750 PPM @ -45°C ~ +85°C											
5	Amplitude Stability	$\leq \pm 0.1$ dB @ 18 GHz											
6	Velocity of Propagation	82%											
7	Voltage Withstand (V,DC)	2000											
8	Shielding Effectiveness (dB)	> 90											
9	Weight (g/m)	80											
10	Single Bend Radius (mm)	25.00											
11	Reapted Bend Radius (mm)	50.00											
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)	0.411	0.287	0.199	0.160	0.137	0.121	0.108	0.088	0.070				

