

Semi-flexible RF Coaxial Cable

High Temperature RF Cable

Q / X C 1 1 4 - 2 0 0 5

Application

It is applied to high frequency connecting wire in testing equipment, rockets, satellites, mobile equipment and communication equipment.

Operating conditions

Operating temperature range : -55 ~ 200 , Storage temperature range : -55 ~ 70 。

Type

SRFT

Specifications, structure and technical property

No.	Property	Unit	Frequency	Request		
1	Working voltage	V	DC	2500		
2	Dielectric voltage	V	DC	5000		
3	Insulation resistance	M · km	DC	10000		
No.	Property	Unit	Frequency	SRFT-50-2	SRFT-50-3	SRFT-50-5
	Attenuation	dB/m	GHz	Request		
			0.5	0.52	0.30	0.18
			1.0	0.74	0.43	0.26
			5.0	1.74	1.05	0.66
			10.0	2.55	1.60	1.02
20.0	3.79	2.40	-			
5	Characteristic resistance			50 ± 1.5	50 ± 2	50 ± 1.5
6	Capacitance	pF/m		100	100	100

7	Suppressing voltage	V	DC	1500	1900	3000
8	VSWR (for reference)		1GHz	1.1	1.1	1.1

Delivered length

The length of cable is 100 meters or to meet the requirements of contracts. More than 25m of delivered length is allowed. Any delivered length is permitted according to mutual agreement.

High temperature wire

Type AF , AFP Small Section Mounting Wire

- Applications

It is suitable for mounting weak current equipment .

- Operating conditions

1 Operating temperature 60~200

2 Rated Voltage AC(50Hz) 220V

Structural data & main technical performances

Core number	Nominal core section mm ²	Construction Of core Pcs./diameter mm	Max outer diameter mm		When 20 ,DC resistance /km	Operating frequency resistant Voltage V			When 20 , Insulation resistance	Delivered length
			AF	AFP		200 ,24 hours later				
						AF	AFP	AF、AFP		
1	0.013	7/0.05	0.57	—	1570	1000	800	800	100M . km The standard making length should not be less than 15m The shortest line is 3m long . The total number of short lines should not be more than 30% of the delivery quantity .	
	0.035	7/0.08	0.67	1.1	610					
	0.05	10/0.08	0.72	1.2	420					
	0.07	14/0.08	0.75	1.3	260	1500	1000	1000		
	0.10	21/0.08	0.85	1.4	180					
	0.15	30/0.08	0.90	1.6	130					
2	0.035	7/0.08	1.5	1.9	610	1000	800	800		
	0.05	10/0.08	1.6	2.1	420					
	0.07	14/0.08	1.7	2.2	260	1500	1000	1000		

	0.10	21/0.08	1.8	2.3	180				
	0.15	30/0.08	2.0	2.5	130				
3	0.07	14/0.08	—	2.5	260				
	0.10	21/0.08	—	2.8	180				
	0.15	30/0.08	—	3.0	130				