



半刚性电缆组件简介 Brief introduction of semi - rigid cable assemblies

半刚性射频同轴电缆组件的电缆外导体为无缝紫铜管或铝管，电缆外导体可镀镍、镀三元合金或镀锡，屏蔽性能优越，耐烟雾、耐霉菌，组件连接简单可靠成形性好，易于固定及布线。常用半刚性电缆参数见下表。

Semi-rigid RF coaxial cable assembly of the cable outside the conductor for the seamless copper or aluminum tube, cable outer conductor can be nickel, plated ternary alloy or tin, shielding superior performance, smoke resistance, mold resistance, simple and reliable connection Good shape, easy to fix and wiring. Commonly used semi-rigid cable parameters see table below.

适配连接器：ISMA、SMA、SSMA、BMA、MCX、SMP、L-SMP、TNC、N 等

Adapter: ISMA, SMA, SSMA, BMA, MCX, SMP, L-SMP, TNC, N etc.

推荐典型电缆：SFT-50-2-1、SFT-50-3-1

Recommended Typical Cables: SFT-50-2-1, SFT-50-3-1

代号	电缆型号	阻抗 (Ω)	电缆外径 (mm)	温度范围 ($^{\circ}\text{C}$)	最小弯曲半径 (mm)
B2 (2号半刚)	SFT-50-2-1	50	$\phi 2.18$	-55~+125	6
B3 (3号半刚)	SFT-50-3-1	50	$\phi 3.58$	-55~+125	8

电缆 型号	电容 (pF/ 米)	速率 (%)	插损 (dB/m) 典型值					截止频率 (GHz)	屏蔽衰减 (18GHz)
			0.5GHz	1GHz	5GHz	10GHz	20GHz		
SFT-50-2-1	95.1	69.5	0.45	0.64	1.51	2.22	3.29	61	-120dB
SFT-50-3-1	95.1	69.5	0.26	0.38	0.91	1.37	2.09	34	-120dB

