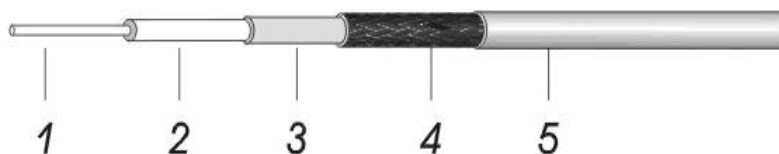


7D-FB 50ohm 同轴电缆



结构参数 Construction Specification

	材料 Material	直径 Diameter (mm)
1. 内导体 Inner Conductor	裸铜线或铜包铝线 Bare Copper or Copper Clad Aluminum	2.60
2. 绝缘体 Dielectric	发泡聚乙烯 Foam PE	7.30
3. 第一层屏蔽 First Shield	自粘铝箔 Bonded Aluminum	7.50
4. 外导体 Outer Conductor	镀锡铜线 Tinned Copper	8.00
5. 护套 Jacket	聚氯乙烯或聚乙烯 PVC or PE	9.80

电性能参数&机械性能及环境参数 Electrical Characteristics & Mechanical and Environmental Characteristics

阻抗 Impedance (Ohm)	50	
电容 Capacitance (pF/m)	82	
速率 Velocity (%)	81	
内导体直流电阻 Inner Conductor DC Resistance (Ω /km)	3.3/5.0	
外导体直流电阻 Outer Conductor DC Resistance (Ω /km)	9.3	
屏蔽衰减 Shielding Effectiveness (dB)	>80	
驻波比 \leq (回波损耗 \geq dB) VSWR \leq (Return loss \geq dB)	5—3000MHz	1.20 (20)
	800—1000MHz	1.10 (26)
	1700—2000MHz	1.15 (23)
	2000—2400MHz	1.15 (23)
最小弯曲半径 Min. Bending Radius (mm)	49	
贮存温度 ($^{\circ}$ C)	-25~+70	
安装温度 ($^{\circ}$ C)	-25~+70	
工作温度 ($^{\circ}$ C)	-25~+70	

衰减 Attenuation(20 $^{\circ}$ C)

频率 Frequency(MHz)	衰减 Attenuation(dB/m)	频率 Frequency(MHz)	衰减 Attenuation(dB/m)
100	0.04	1800	0.21
350	0.08	1900	0.21
800	0.13	2000	0.22
1200	0.16	2200	0.23
1500	0.19	2500	0.25