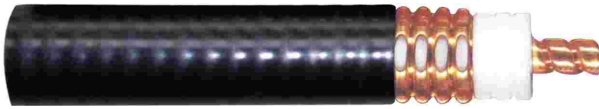


RF Radiating Coaxial Cable



Coupled Mode



Radiated Mode

型号 Model No.		1-5/8"		1-1/4"	7/8"	1/2"		3/8"
		-1	-2			-1	-2	
结构参数 Physical Dimensions								
内导体 Inner Conductor	材料 Material	皱纹铜管 Corugated Cu-tube		光滑铜管	Smooth Cu-tube	铜包铝 CCA		
	外径 Diameter(mm)	17.30	13.10	9.05	4.80	3.15		
外导体 Outer Conductor	外径 Diameter(mm)	46.50	35.80	24.90	13.80	9.53		
*外护套 Jacket	厚度 Thickness(mm)	1.75	1.80	1.30	1.00	0.85		
	外径 Diameter(mm)	50.00	39.40	27.50	15.80	11.20		
机械性能 Mechanical Characteristics								
最小弯曲半径(十次)Min.Bending Radius (10)(mm)		510	400	280	125	95		
最大拉伸力 Max. Pulling Strength (N)		3630	5900	1470	1130	800		
电气性能 Electrical Characteristics								
直流电阻 DC Resistance ≤ (20°C)(Ω/km)	内导体 Inner Conductor	0.83	0.83	0.72	1.05	1.48	1.48	3.48
	外导体 Outer Conductor	0.70	0.60	0.72	1.36	2.20	2.30	3.30
标准电容 Normal Capacitance (pF/m)		76	75	76.1	75.8	75		
阻抗 Characteristic Impedance (Ω)		50 ± 1						
传输速率 Velocity Ratio (%)		88	89	89	88	88		
最大衰减Attenuation (20°C) (dB/100m)	150MHz	0.80	1.00	1.30	1.80	3.30	3.60	4.90
	450MHz	2.00	2.50	3.00	3.60	6.60	8.20	8.50
	900MHz	2.70	3.30	4.00	5.10	9.50	11.80	12.10
	1800MHz	4.40	5.10	5.60	7.60	13.10	16.10	17.40
	2400MHz	.....	.....	6.90	9.20	15.70	19.00	.....
耦合衰减 Coupling Loss (2m) (dB ± 10dB)	150MHz	71	60	64	62	58	52	56
	450MHz	80	67	75	72	63	57	61
	900MHz	79	68	77	72	68	63	68
	1800MHz	89	78	84	84	73	69	74
	2400MHz	.....	.....	76	76	73	69	.....
电压驻波比 (VSWR)	0.01GHz — 3GHz	≤ 1.30						

*注:外护套可根据用户要求采用低烟无卤阻燃材料 (经权威机构检测, 已达到UL1581-1990燃烧试验标准。)

NOTE: Fire-Retardancy LSOH outer sheath can be available per customer's requirement.