

50Ω编织线

7D-FB (RG8-AU)

产品描述



- It has a wide of applications, and can be used in indoor/outdoor distribution, RF broadcasting, base stations, wireless cellular systems, 3G, 4G mobile transmission and other RF transmission fields. 应用范围广，可用射频广播、基站、无线蜂窝系统，3G、4G 移动传输及其它射频传输领域。
- It has low transmission attenuation, low return loss, and high shielding attenuation performance. 具有低传输衰减，低回波损耗，高屏蔽衰减性能。

产品结构

内导体	铜包铝线 CCA wire	Φ 2.60mm
绝缘Insulation	物理发泡 Physical foaming	Φ 7.30mm
第一层铝箔Insulation1	自粘铝箔Self-adhesive aluminum foil	
第二层编织Insulation2	镀锡铜丝Tinned copper wir 编织密度≥80% Braiding density	
护套Sheath	polyvinyl chloride (PVC)聚乙烯	Φ 9.80mm

物理机械性能

包装定长 (Packing)	m	500/1000
最小弯曲半径 bending radius	mm	49
最小拉断力 tension	N	560
粘附力 Ashesion	N	>98

电气性能

特性阻抗 (impedance)	Ω	50±2
标称电容Nominal capacitance	pF/m	79
传输速率Transmission rate	%	85
护套火花机电电压spark oltage	kV	5.0
直流击穿电压breakdown voltage	kV	2.5
绝缘电阻Insulation resistance	MΩ•km	>5000
屏蔽衰减attenuation	dB	>90@30~1000MHz

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传输衰减

频率 (MHz)	传输衰减 Transmission attenuation @20°C,dB/100m	传输衰减 Transmission attenuation @20°C,dB/100ft
MHz		
150	5.30	1.62
280	7.30	2.23
350	8.30	2.53
400	9.10	2.77
800	13.00	3.96
900	14.30	4.36
1200	17.00	5.18
1500	19.00	6.01
1900	22.90	6.98
2000	23.65	7.21
2200	25.20	7.68
2500	27.40	8.35
3000	30.90	9.42

结构回波损耗

5~1000MHz	dB	>23
1000~2000MHz	dB	>21
2000~3000MHz	dB	>20

环境性能

2011/65/EU	满足/Comply
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