

TSR 系列射频同轴电缆 Radio frequency coaxial cable LMR series

TSR100



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| 1.内导体 Inner Conductor | 2.绝缘 Insulation |
| 3.外导体 Outer Conductor | 4.外导体 Outer Conductor |
| 5.护套 Jacket | |

电缆结构/Construction

内导体 Inner Conductor	铜线或铜包钢线 BC or CCS Wire	0.46±0.02
绝缘 Insulation	聚乙烯 Solid PE	1.52±0.10
外导体 Outer Conductor	铝箔 Al-PET Foil	1.65±0.10
	编织线 Braiding Wire	2.11±0.10
护套 Jacket	聚氯乙烯或聚乙烯 PVC or PE	2.79±0.10

电气性能/Electrical Characteristics

特性阻抗/Impedance	Ω	50±2
绝缘电阻 Insulation Resistance	MΩ · km	>5×10 ³
绝缘耐压强度 Dielectric Strength	KV	1.6
护套耐压强度 Jacket Strength	KV	浸水 (flooding) 1.5
		火花 (spark) 2.0
回波损耗 Return Loss	dB	VHF≥20
		UHF≥20
屏蔽衰减 Screening Attenuation	dB	≥90
衰减 Attenuation@20℃	dB/100m	30MHz 12.9
		50MHz 16.7
		150MHz 29.4
		220MHz 35.8
		450MHz 51.9
		900MHz 74.9
		1500MHz 98.7
		1800MHz 109.0
		2000MHz 115.5
		2500MHz 130.6
		5800MHz 210.3

机械性能/Mechanical Characteristics

弯曲半径(mm) Bending Radius	单次 Single	15
	多次 Repeated	25
耐温等级 Temperature	℃	-40~+75

环境负荷物质应对情况/Environment-Friendliness

RoHS 指令/2011/65/EU	满足/ Compliant
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