

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

TSR500



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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	铜线或铜包铝线 BC or CCA Wire	3.61±0.02
绝缘 Insulation	发泡聚乙烯 Physical foaming PE	9.40±0.10
外导体 Outer Conductor	铝箔 Al-PET Foil	9.55±0.10
	编织线 Braiding Wire	10.29±0.10
护套 Jacket	聚氯乙烯或聚乙烯 PVC or PE	12.70±0.10

机械性能/Mechanical Characteristics

弯曲半径(mm) Bending Radius	单次 Single	60
	多次 Repeated	120
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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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	3.0
护套耐压强度 Jacket Strength	KV	浸水 (flooding) 6.0
		火花 (spark) 8.0
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 1.8
		50MHz 2.3
		150MHz 4.0
		220MHz 4.9
		450MHz 7.1
		900MHz 10.3
		1500MHz 13.6
		1800MHz 15.0
		2000MHz 15.9
		2500MHz 18.0
		5800MHz 29.1