

MIL-C-17 美军标射频同轴电缆 Radio frequency coaxial cable MIL RG series

RG11



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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 BC Wire	1.63±0.02
绝缘 Insulation	发泡聚乙烯 Physical foaming PE	7.11±0.15
外导体 Outer Conductor	铝箔 Al-PET Foil	7.32±0.15
	编织线 Braiding Wire	7.92±0.15
护套 Jacket	聚氯乙烯 PVC	10.16±0.20

电气性能/Electrical Characteristics

特性阻抗/Impedance	Ω	75±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) 3.0
		火花 (spark) 5.0
回波损耗 Return Loss	dB	VHF ≥20
		UHF ≥20
屏蔽衰减 Screening Attenuation	dB	55MHz ≥80
		300MHz ≥85
		1000MHz ≥85
衰减 Attenuation@20℃	dB/100m	55MHz 3.38
		211MHz 6.59
		270MHz 7.55
		300MHz 7.97
		330MHz 8.37
		400MHz 9.28
		450MHz 9.91
		550MHz 11.02
		750MHz 13.09
		870MHz 14.21
		1000MHz 15.32

机械性能/Mechanical Characteristics

弯曲半径(mm) Bending Radius	单次 Single	55
	多次 Repeated	100
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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