

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

RG59



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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	0.81±0.02
绝缘 Insulation	发泡聚乙烯 Physical foaming PE	3.66±0.15
外导体 Outer Conductor	铝箔 Al-PET Foil	3.86±0.15
	编织线 Braiding Wire	4.44±0.15
护套 Jacket	聚氯乙烯 PVC	6.10±0.20

电气性能/Electrical Characteristics

特性阻抗/Impedance	Ω	75±2
电容/Capacitance	pF/m	55
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) 2.0
		火花 (spark) 3.0
回波损耗 Return Loss	dB	VHF ≥20
		UHF ≥20
屏蔽衰减 Screening Attenuation	dB	55MHz ≥68
		300MHz ≥70
		1000MHz ≥70
衰减 Attenuation@20℃	dB/100m	55MHz 6.76
		211MHz 12.93
		270MHz 14.76
		300MHz 15.49
		330MHz 16.27
		400MHz 17.98
		450MHz 19.13
		550MHz 21.23
		750MHz 25.00
		870MHz 27.03
		1000MHz 29.10

机械性能/Mechanical Characteristics

弯曲半径(mm) Bending Radius	单次 Single	30
	多次 Repeated	60
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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