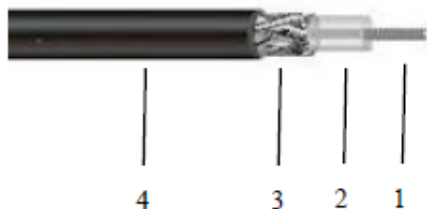


MIL-C-17 美军标射频同轴电缆 Radio frequency coaxial cable MIL RG series

RG174



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

电缆结构/Construction

内导体 Inner Conductor	铜包铝或铜线 CCA or Cu Wire	7*0.16 0.48±0.03
绝缘 Insulation	聚乙烯 Solid PE	1.52±0.05
外导体 Outer Conductor	编织线 CCA Braiding Wire	2.0±0.10
护套 Jacket	聚氯乙烯 PVC	2.79±0.10

电气性能/Electrical Characteristics

特性阻抗/Impedance	Ω	50±2
电容/Capacitance	pF/m	101
绝缘电阻 Insulation Resistance	MΩ · km	>5×10 ³
绝缘耐压强度 Dielectric Strength	KV	0.9
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
衰减 Attenuation@20℃	dB/100m	10MHz 10.8
		50MHz 20.0
		100MHz 31.0
		200MHz 42.5
		400MHz 55.6
		600MHz 68.8
		860MHz 86.1 1000MHz 96.2

机械性能/Mechanical Characteristics

弯曲半径(mm) Bending Radius	单次 Single	14
	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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