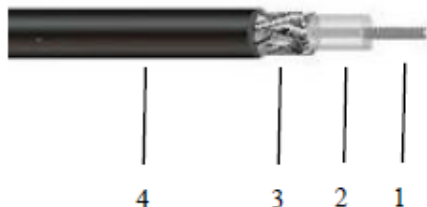


MIL-C-17 美军标射频同轴电缆 Radio frequency coaxial cable MIL RG series

RG214



- 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	铜或铜包铝线 Cu or CCA Wire	7*0.75 2.25±0.05
绝缘 Insulation	聚乙烯 Solid PE	7.25±0.15
外导体 Outer Conductor	编织线 Braiding Wire	8.0±0.15 8.75±0.15
护套 Jacket	聚氯乙烯 PVC	10.8±0.15

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	3.7
护套耐压强度 Jacket Strength	KV	浸水 (flooding) 4.0 火花 (spark) 5.0
回波损耗 Return Loss	dB	VHF≥20 UHF≥20
衰减 Attenuation@20℃	dB/100m	10MHz 1.6
		50MHz 4.3
		100MHz 6.2
		200MHz 9.5
		400MHz 13.8
		600MHz 18.2
		860MHz 22.3
		1000MHz 24.5
		1500MHz 31.5
		2000MHz 36.4
		3000MHz 46.6
		5000MHz 64.2
		11000MHz 112.2

机械性能/Mechanical Characteristics

弯曲半径(mm) Bending Radius	单次 Single	55
	多次 Repeated	105
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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