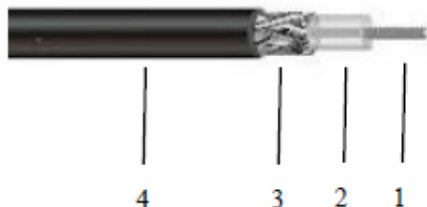


MIL-C-17 美军标射频同轴电缆 Radio frequency coaxial cable MIL RG series
RG58


- | | |
|-----------------------|-----------------|
| 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	铜包铝或铜包钢线 CCA or CCS Wire	19*0.18 0.90±0.03
绝缘 Insulation	聚乙烯 Solid PE	2.95±0.10
外导体 Outer Conductor	编织线 Braiding Wire TC	3.55±0.10
护套 Jacket	聚氯乙烯 PVC	4.95±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	1.9
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 4.9
		50MHz 10.9
		100MHz 15.5
		200MHz 24.5
		400MHz 34.8
		600MHz 39.6
		860MHz 56.4
		1000MHz 60.5

机械性能/Mechanical Characteristics

弯曲半径(mm) Bending Radius	单次 Single	25
	多次 Repeated	50
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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