

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

RG59B/U



- 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	0.58±0.03
绝缘 Insulation	聚乙烯 PE	3.7±0.10
外导体 Outer Conductor	编织线 Braiding Wire	4.7±0.10
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±3
电容/Capacitance	pF/m	67
绝缘电阻 Insulation Resistance	MΩ · km	>5×10 ³
绝缘耐压强度 Dielectric Strength	KV	2.3
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 3.6
		50MHz 8.5
		100MHz 11.1
		200MHz 16.9
		400MHz 23.5
		600MHz 30.2
		860MHz 35.6
		1000MHz 39.5

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~+80

环境负荷物质应对情况/Environment-Friendliness

RoHS 指令/2011/65/EU	满足/ Compliant
--------------------	---------------