

MIL-C-17 美军标射频同轴电缆 Radio frequency coaxial cable MIL RG series
RG217


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| 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	铜线 BC Wire	2.69±0.03
绝缘 Insulation	聚乙烯 Solid PE	9.4±0.10
外导体 Outer Conductor	镀锡铜线 TC Wire	9.9±0.10
		11.4±0.10
护套 Jacket	聚氯乙烯 PVC	13.8±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	5.0
护套耐压强度 Jacket Strength	KV	浸水 (flooding) 7.0
		火花 (spark) 8.0
回波损耗 Return Loss	dB	VHF≥20
		UHF≥20
衰减 Attenuation@20℃	dB/100m	1MHz 0.45
		10MHz 1.5
		30MHz 2.6
		100MHz 5.0
		300MHz 9.4
		400MHz 14.1
		1000MHz 19.7

机械性能/Mechanical Characteristics

弯曲半径(mm) Bending Radius	单次 Single	70
	多次 Repeated	135
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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