

GT-LMR195 RF COAXIAL CABLE (30-6000MHz)



Communications Technology & Engineering Accessories

Rev.V1.3

GT-LMR195 电缆规格书:

电缆结构 Construction Specification:

Item	Material	Diameter(mm)
1. Inner Conductor	Solid Copper Wire	0.94
2. Dielectric	Physical Foam Polyethylene	2.79
3. Outer Conductor	Aluminum Foil + Tinned Copper Braid	3.50
4. Jacket	Black Polyethylene (PE)	4.95

主要电气性能 Electrical Characteristics Mechanical and Environmental Characteristics:

Item	Specification	Item	Specification
Capacitance(pF/m)	79.7	Min. Bend Radius(mm)	65
Impedance(ohm)	50	Storage Temp.(℃)	-40 to +80
Velocity(%)	80	Installation Temp. (℃)	-40 to +80
DC Resistance(Ω/km)	24.94(Inner Conductor)	Operating Temp.(℃)	-40 to +80
DC Resistance(Ω/km)	16.08(Outer Conductor)		
Shielding Effectiveness(dB)	>90		
VSWR≤(Return loss≥dB)	≤1.10 (800-1000MHz)		
	≤1.15 (1700-2400MHz)		

衰减及功率系数 Attenuation and Avg. Power(20℃):

Frequency(MHz)	Attenuation(dB/100m)	Avg. Power(KW)	Product Picture (GT- LMR195)
30 MHz	6.50	0.78	
50 MHz	8.40	0.60	
150 MHz	14.60	0.35	
220 MHz	17.70	0.29	
450 MHz	25.50	0.20	
900 MHz	36.50	0.14	
1500 MHz	47.70	0.11	
1800 MHz	52.50	0.10	
2000 MHz	55.40	0.09	
2500 MHz	62.40	0.08	
3000 MHz	67.50	0.08	
5800 MHz	93.00	0.05	



All specifications are subject to change without notice.

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