GT-LMR400 RF COAXIAL CABLE (30-6000MHz)

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Telecommunication Technology & Engineering Accessories

Rev.V1.0

Construction Specification:

Item	Material	Diameter(mm)
1. Inner Conductor	Copper Clad Aluminum	2.74
2. Dielectric	Physical Foam Polyethylene	7.24
3. Outer Conductor	Bonded Aluminum Foil + Tinned Copper Braid	8.10
4. Jacket	Polyethylene(PE) or Fire Retardant PE *	10.29

* Low Smoke Halogen Free Fire Retardant polyethylene.

Electrical Characteristics Mechanical and Environmental Characteristics:

Item		Specification		
Capacitance(pF/m)		78	Min. Bend Radius(mm)	125mm
Impedance(ohm)		50	Storage Temp.(℃)	-40 to +80
Velocity(%)		85	Installation Temp. (℃)	-40 to +80
Inner Conductor DC Resistance(Ω/km)		4.69	Operating Temp.(℃)	-40 to +80
Outer Conductor DC Resistance(Ω/km)		5.61		
Shielding Effectiveness(dB)		>90		
VSWR	30-6000MHz	≤1.20	(Return loss)	≥20.8 dB

Attenuation and Avg. Power(20°C):

Frequency(MHz)	Attenuation(dB/100m)	Avg. Power(KW)	Product Picture (GT-LMR400,GT-LMR400FR)
30 MHz	2.49	3.33	
50 MHz	3.18	2.57	
150 MHz	4.92	1.47	
220 MHz	6.23	1.20	
450 MHz	8.86	0.83	
900 MHz	12.81	0.58	
1500 MHz	16.71	0.44	
1800 MHz	18.40	0.40	
2000 MHz	19.40	0.37	
2500 MHz	22.00	0.33	
3000 MHz	24.60	0.30	
4000 MHz	28.87	0.28	
6000 MHz	36.42	0.21	

RoHS

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