



CABLE COAXIAL LMR400



Descripción general

La gama LMR400 de cables coaxiales de 50 ohmios proporciona un rendimiento de pérdida ultrabajo. Desarrollado para Land Mobile Radio (LMR), microondas, satélite, VSAT y comunicaciones, esta gama es de altísima calidad y alto rendimiento.

Aplicaciones

- Wifi
- Sistema móvil GSM, LTE, 5G
- Jumpers Antena 50 ohmios de baja pérdida

Características técnicas

Construction Of Cable		Mechanical Properties				Environmental Performance								
Inner Conductor	CCA	2,74mm	Repeated Bending Radius		50mm	Installation Temperature Range		PVC -25°C to+70°C PE -40°C to+85°C						
Dielectric	Physical Foam Polyethylene		7,35.±0.13mm	Minimun Bending Radius		25mm	Storage Temperature Range		PVC -25°C to+70°C PE -70°C to+85°C					
Outer Conductor	Bonded Aluminum/ Polyester/Aluminum tape		bending moment		0.27N-m		perating temperature		PVC -25°C to+70°C PE -40°C to+85°C					
First Shield	Tinned Copper		7.39 mm											
Jacket	Black	10.29mm												
Frequency (MHz)	30	50	150	220	450	900	1500	1800	2000	2500	3000	5800		
Attenuation dB/100m	2.20	2.90	5.00	6.10	8.90	12.80	16.80	18.60	19.60	22.20	24.80	35.50		
Attenuation dB/100ft	0.67	0.88	1.52	1.86	2.71	3.90	5.12	5.67	5.97	6.77	7.56	10.82		
Average Power Rating KW	2.91	2.21	1.28	1.05	0.72	0.50	0.38	0.34	0.33	0.29	0.26	0.18		

Maximum attenuation value shall be 105% of the nominal attenuation value.

ELECTRICAL SPECIFICATIONS		
Capacitance	pF/m	77
Impedance	Ω	50±2
Velocity	%	85
Voltage	KV	2.5
DC(Inner)	Ω/km	4.6(CCA)
DC(Outer)	Ω/km	5.4(CCA)
Jacket Spark	KV	8.0
Shielding Effectiveness	dB	≥90
Insulation Resistance	MΩ	≥10000
Cutoff Frequency	GHz	16.2
Peak Power	KW	16.0

JUMPER CABLE	
ELECTRICAL SPECIFICATIONS	
Impedance	50±2 Ω
Insulation Resistance	≥10000 MΩ
Insulation Voltage	2.0 kV
Frequency Range	DC~11GHz
Insertion Loss @DC~2.5GHz	≤0.222*L+0.15 dB
VSWR @DC~2.5GHz	≤1.20
Intermodulation	≤-120dBc
Waterproof	IP67
Operating Temperature	-55°C to +85°C