

LMR200 Coaxial RF Cable

LMR200 is a 50 Ω coaxial cable designed for reliable RF signal transmission with enhanced shielding effectiveness against interference. It features a copper conductor, foamed polyethylene dielectric, bonded aluminium foil, tinned copper wire shielding, and a durable black PVC jacket.



Part No: TE-RFC-LMR200-D4.95

Cable Structure			
Layer		Material	Diameter
1	Inner Conductor	Copper	1.12 mm
2	Insulation	Polyethylene	2.95 mm
3	Outer Shield 1	Bonded Aluminium Foil	-
4	Outer Shield 2	Braided Copper	3.66 mm
5	Jacket	Black PVC	4.95 mm



Physical Characteristics

Cable Outer Dia.	4.95 mm	Durability	> 5000
Nominal Weight	0.05 kg/mm	Working Temp.	-25°C ~ +85°C
Min Bending Radius	19.1 mm (static)		

Electrical Characteristics

Impedance	50 Ω	Cut-off Frequency	3 GHz
VSWR	1.2@3000MHz	Capacitance	80.4 pF/m
DC Resistance	17.59 Ω (Inner Conductor)	Dielectric Strength	1.6KV
	16.08 Ω (Outer Conductor)	Peak Power Rating	2.5KW

Attenuation & Power

Frequency	Attenuation (dB/m)	Power Rating (kW)
100 MHz	0.10	1.02
450 MHz	0.23	0.26
900 MHz	0.33	0.15
2000 MHz	0.49	0.12
3000 MHz	0.61	0.09

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