

MWC 4/50

50 Ohms Low Loss Coaxial Cable

Applications: Jumpers for Wireless Communications (GSM, GPS, WLL, etc.)
Short Antenna Feeders

Replaces: RG-58 and RG-142



CHARACTERISTICS

MATERIALS mm.

INNER CONDUCTOR	Solid annealed bare copper	0,94 ± 0,015
DIELECTRIC	Cellular Polyethylene	2,79 ± 0,1
OUTER CONDUCTOR	Bonded Aluminium foil Tinned plated copper braid Coverage factor >	2,95 ± 0,15
SHEATH	Black Lead Free PVC	4,95 ± 0,2

OPTIONS:

Zero Halogen Low Smoke Sheath

ELECTRICAL

@ 20°C

Velocity of propagation	80%
D.C. Electric Resistance	
Inner conductor	< 25 Ω / km.
Outer conductor	< 16 Ω / km.
Frequency range	DC - 5,8 GHz
Capacitance	≤ 80 ± 2 nF / km.
Impedance	50 ± 2 Ω
Dielectric strength	2,6 kv DC @ 10 sg .

ATTENUATION *

F (MHz.)	dB/100 m.
150	14,6
450	25,5
900	36,5
1500	47,7
1800	52,5
2000	55,5
2500	62,4
5800	98,1

*Values ±5%

MECHANICALS

Aprox. Net Weight	42 kg./km.
Working Temperature	Min. -20° C Max. 70° C
Standard Packing	100 Meter Coils / 305-500-1000 Meter Drums

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