

## MWC 10/50 (TZC 500 32)

50 Ohms Low Loss Coaxial Cable

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



### CHARACTERISTICS

	MATERIALS	mm.
INNER CONDUCTOR	Solid annealed bare copper	2,74 ± 0,025
DIELECTRIC	Cellular Polyethylene	7,25 ± 0,15
OUTER CONDUCTOR	Bonded Aluminium foil	8,1 ± 0,2
	Tinned plated copper braid	
	Coverage factor >	90%
SHEATH	Black Polyethylene	10,16 ± 0,2

#### OPTIONS:

PVC or Zero Halogen Low Smoke (HFLS) Sheath

AH: Jelly filled for underground installations

#### ELECTRICAL

@ 20°C

Velocity of propagation	87%
D.C. Electric Resistance	
Inner conductor	< 4,3 Ω / km.
Outer conductor	< 5,9 Ω / km.
Frequency range	DC - 6 GHz
Capacitance	≤ 78 ± 3 nF / km.
Impedance	50 ± 2 Ω
Dielectric strength	2,6 kV DC @ 10 sg .

#### ATTENUATION \*

F (MHz.)	dB/100 m.
140	5,1
900	13,7
1800	18,1
1900	20,6
2000	21,2
2500	24,1
5800	39,3
6000	40,1

\*Values ±5%

#### MECHANICALS

Aprox. Net Weight	132 kg./km.
Working Temperature	Min. -20° C
	Max. 70° C
Standard Packing	100 Meter Coils / 305 Meter Drums

Cable manufactured according to Ericsson 1301- TZC 500 32 Uen Rev. JL1998-07-15 Specification

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