

## MWC Super Low Loss High Performance up to 6 Ghz

### APPLICATIONS:

Cellular, PCS, WLL, LMDS, MMDS, Land Mobile Radio

RF TX/RX Antenna Feeder / Jumper Assemblies

Broadband Wireless

### Coaxial cable construction

Inner conductor

Dimension

Dielectric type

Dimension

Tape

Tape Coverage

Braid Type

Screen Effectiveness

Outer sheath

Dimension

Bending radius

Operating Temperature

∅ MM

∅ MM

	50 Ohms				
	MWC-4/50	MWC-5/50	MWC-6/50	MWC-8/50	MWC-10/50
Cu	0.94	1.12	1.42	1.78	2.74
FOAM PE	2.79	2.95	3.81	4.85	7.25
Bonded Al	100%	100%	100%	100%	100%
Cu Sn					
>90 dB					
PE					
4.95 ±0.1	4.95 ±0.15	6.1 ±0.1	7.6 ±0.15	10.16 ±0.2	
13	50	20	23	25	
-30° C to + 80° C	-30° C to + 80° C	-30° C to + 80° C	-30° C to + 80° C	-30° C to + 80° C	

### Electrical characteristics @ 20°C:

Impedance, Ohms

Capacitance, pF/m

D.C. Resistance (Inner Conductor)

D.C. Resistance (Outer Conductor)

Attenuation @ 20° C

(Values ± 5%)

		MWC-4/50	MWC-5/50	MWC-6/50	MWC-8/50	MWC-10/50
50±2		50±2	50±2	50±2	50±2	50±2
80		80	80	80	75	78
<25Ω / km		<18Ω / km	<17Ω / km	<11Ω / km	<7Ω / km	<4.3Ω / km
<16Ω / km				<13Ω / km	<9Ω / km	<5.9Ω / km
	MHz					
	150	14.6	13.1	9.9	8.3	5.3
	900	36.5	32.6	25.6	20.9	13.7
	1800	52.5	46.6	36.8	28.7	18.1
	2000	55.5	49.3	38.9	30.3	21.2
	2500	62.4	55.4	43.7	34.2	24.1
	5800	98.1	86.5	68.9	54.2	39.3
	6000			70.1	58.0	40.1
	kg. / km.	30	31	50	76	132
	IEC / CEI	IEC 60096	IEC 60096	IEC 60096	IEC 60096	IEC 60096
	RoHS	2002/95/EC	2002/95/EC	2002/95/EC	2002/95/EC	2002/95/EC
		2003/11/EC	2003/11/EC	2003/11/EC	2003/11/EC	2003/11/EC

### Ordering code:

100 m Coil	002057A	002026A	002005A	002025A
250 m Reel				002025J
305 m Reel				002025G
500 m Drum		002026C	002005C	002025C
1000 m Drum	002057F	002026F		

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