



Features

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- * Jumper Assemblies in Wireless Communications Systems
- * Short Antenna Feeder runs
- * Any application (e.g. WLL, GPS, LMR) requiring an easily routed, low loss RF cable

Description

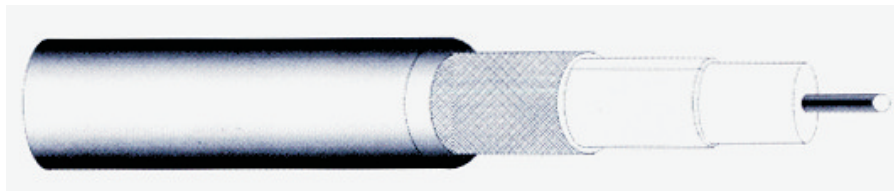
Standard is a UV Resistant Polyethylene jacketed cable designed for 20-year service outdoor use. The bending and handling characteristics are significantly better than air-dielectric and corrugated hard-line cables.

Flexibility and bendability are hallmarks of the cable design. The flexible outer conductor enables the tightest bend radius available for any cable of similar size and performance.

Low Loss is another hallmark feature of MWC 8/50.

Designed for outdoor exposure incorporate the best materials for UV resistance and have life expectancy in excess of 20 years.

A wide variety of connectors are available for MWC 8/50 cable, including all common interface types, reverse polarity, and a choice of solder or non-solder center pins.





Specifications

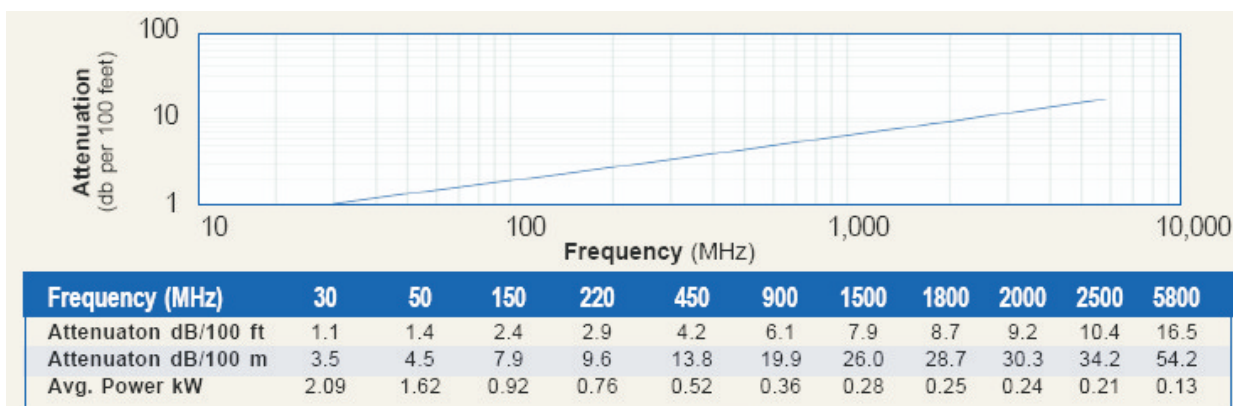
Construction Specification

Description	Material	In. (mm)
1. Inner Conductor	Solid BC	0.070 (1.78)
2. Dielectric	Foam PE	0.190 (4.83)
3. Outer Conductor	Aluminum Tape	0.196 (4.98)
4. Overall Braid	Tinned Copper	0.225 (5.72)

Environmental Specifications

PERFORMANCE PROPERTY	°F	°C
Installation Temperature Range	-40/+185	-40/+85
Storage Temperature Range	-94/+185	-70/+85
Operating Temperature Range	- 40/+185	-40/+85

Attenuation vs. Frequency (typical)





Specifications

Attenuation and Avg. Power (20°C)

Frequency (Mhz)	Attenuation dB (100m / 100ft)	Avg. Power (KW)
30	2.2 / 0.7	3.30
50	2.9 / 0.9	2.60
150	5.0 / 1.5	1.50
220	6.10 / 1.86	1.20
450	8.9 / 2.7	0.83
900	12.8 / 3.9	0.58
1500	16.8 / 5.13	0.44
1800	18.6 / 5.67	0.40
2000	19.6 / 6.0	0.37
2500	22.2 / 6.8	0.33
5800	35.5 / 10.8	0.21