

50 Ohms Flexible Low Loss RF LMR 240FR Cable

LMR standard is a UV Resistant Polyethylene jacketed cable. The bending and handling characteristics are significantly better than air-dielectric and corrugated hard-line cables.

LMR-FR is a non-halogen (non-toxic), low smoke, fire retardant cable designed for in-building runs that can be routed anywhere except air handling plenums. LMR-FR has a UL/NEC & CSA rating of 'CMR' and 'FT4' respectively. In addition, the LMR-FR series is MSHA-P rated for mining operations.



50 Ohms LMR240-FR RF Cable

Electrical Performance

Working Voltage	5000 Vrms Maximum
Voltage withstand	1500 Vrms Maximum
Impedance	50 Ohms
VSWR	1.0:1 Maximum
Cable Loss	1m = 0.41 dB @ 2.4Ghz = 0.67dB @ 5Ghz 3m = 1.23 dB @ 2.4Ghz = 2.01dB @ 5Ghz

Construction Specifications

Description	Material	(mm)
Inner Conductor	Solid BC	1.42mm
Dielectric	Foam PE	3.81mm
Outer Conductor	Aluminum Tape	3.94mm
Overall Braid	Tinned Copper	4.52mm

Environmental Specifications

Performance Property	°C
Installation Temperature Range	-40/+85
Storage Temperature Range	-70/+85
Operating Temperature Range	-40/+85

Specification are subject to changes without prior notice due to engineering improvement. All brands and product names are trademarks or registered trademarks of their respective holders.