



CROWN RF



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LMR-240 LOW LOSS CABLE

- High performance – 50 ohm
- UV Resistant PE (Polyethylene)
- Available in Waterproof or Riser Rated
- Manufactured by Times Microwave
- 100% sweep tested to 5.8 GHz
- 500' or 1000' spools (Weight: Appr. 36# / 1k')

CONSTRUCTION INFORMATION

1	Conductor Size	15-16 Ga. Approx.
2	Conductor Type	Solid Copper
3	Conductor Diameter	.056"
4	Insulation Type	Foam Polyethylene
5	Insulation Diameter	.150"
6	Shield (Outer Cond.)	.155" Aluminum Tape
7	Shield (Overall Braid)	.178" Aluminum
8	Shielding Effectiveness	90 dB
9	Jacket Type	Black Polyethylene
10	Temperature Range	-40 to +185°F
11	Voltage Withstand	1500 VDC (Peak Power – 5.6KW)
12	Jacket Color	Black
13	Jacket Diameter	.240" (Min Bend Radius – 0.75")
14	Impedance (OHMS)	50 OHMS
15	Capacitance (pF/ft.)	24.2 pF/ft
16	Velocity of Propagation	84%
17	DC Resistance	Inner Conductor 3.2 Ohm/1000' Outer Conductor 14.4 Ohm/1000'
18	Cutoff Frequency	31 GHZ

Nominal Attenuation (db/100')

	<u>SW-240</u>	<u>LMR240®</u>	<u>BELDEN 9913</u>	<u>RG-213</u>	<u>RG-214</u>	<u>½" SUPERFLEX</u>
150MHz	3	3	1.5 (100)	2.1	1.9	
450MHz	5.3	5.3	2.7 (400)	4.5(400)	4.1	
900MHz	7.6	7.6	4.1	7.6	7.6	3.60(1K)
1500MHz	9.9	9.9	5.4	8.2(1K)	8.0(1K)	
2000MHz	11.5	11.5	6.4	-	-	5.37
2500MHz	12.9	12.9	7.3	21.5(4K)	20.0(4K)	

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 LMR is a registered trademark of Times Microwave