



CROWN RF



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SW-240EF FLEXIBLE LOW LOSS CABLE

= to Times Microwave LMR ® series

- **High performance – 50 ohm**
- **UV Resistant PE (Polyethylene)**
- **Available in Waterproof or Riser Rated**
- **Manufactured by Coleman Cable**
- **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	7/.0188" Bare Copper
3	Conductor Diameter	.056"
4	Insulation Type	Foam Polyethylene
5	Insulation Diameter	.150"
6	Shield 1 Size/Type	Bonded Aluminum Foil + Tinned
7	Shield 2 Size/Type	Copper Braid
8	Shield Diameter	.176" NOM
9	Shielding Effectiveness	90 dB
10	Jacket Type	Thermoplastic Elastomer
11	Temperature Range	-40 to +185F
12	Voltage Withstand	1500 VDC (Peak Power – 5.6KW)
13	Jacket Color	Black
14	Jacket Diameter	.240" (Min Bend Radius – 0.75")
15	Impedance (OHMS)	50 OHMS
16	Capacitance (pF/ft.)	24.2 pF/ft
17	Velocity of Propagation	84%
18	DC Resistance	Inner Conductor 4.28 Ohm/1000' Outer Conductor 3.89 Ohm/1000'
19	Cutoff Frequency	31 GHZ

Nominal Attenuation (db/100')

	<u>SW-240EF</u>	<u>LMR240UF®</u>	<u>BELDEN 9913</u>	<u>RG-213</u>	<u>RG-214</u>	<u>½" SUPERFLEX</u>
150MHz	3.6	3.6	1.5 (100)	2.1	1.9	
450MHz	6.3	6.3	2.7 (400)	4.5(400)	4.1	
900MHz	9.1	9.1	4.1	7.6	7.6	3.60(1K)
1500MHz	11.8	11.8	5.4	8.2(1K)	8.0(1K)	
2000MHz	13.8	13.8	6.4	-	-	5.37
2500MHz	15.5	15.5	7.3	21.5(4K)	20.0(4K)	

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 LMR is a registered trademark of Times Microwave