



# CROWN RF



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## LMR-400UF ULTRAFLEX 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. 88# / 1k')**

## CONSTRUCTION INFORMATION

1	Conductor Size	10 Gauge
2	Conductor Type	Stranded Bare Copper
3	Conductor Diameter	.108"
4	Insulation Type	Foam Polyethylene
5	Insulation Diameter	.285"
6	Shield (Outer Cond.)	Aluminum Tape
7	Shield (Overall Braid)	Tinned Copper
8	Shield Diameter	.320" NOM
9	Shielding Effectiveness	90 dB
10	Jacket Type	Thermoplastic Elastomer
11	Temperature Range	-40 to +185°F
12	Voltage Withstand	2500 VDC (Peak Power – 16KW)
13	Jacket Color	Black
14	Jacket Diameter	.405" (Min Bend Radius – 1")
15	Impedance (OHMS)	50 OHMS
16	Capacitance (pF/ft.)	23.9 pF/ft
17	Velocity of Propagation	85%
18	DC Resistance	Inner Conductor 1.07 Ohm/1000' Outer Conductor 1.65 Ohm/1000'
19	Cutoff Frequency	16.2 GHZ

## Nominal Attenuation (db/100')

	<u>SW-400</u>	<u>LMR-400</u>	(Extra-Flex) <u>SW-400EF</u>	(Ultra-Flex) <u>LMR-400UF</u>
150MHz	1.5	1.5	1.8	1.8
450MHz	2.7	2.7	3.3	3.3
900MHz	3.9	3.9	4.7	4.7
1500MHz	5.1	5.1	6.2	6.2
2000MHz	6.0	6.0	7.2	7.2
2500MHz	6.8	6.8	8.1	8.1

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