



# CROWN RF



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## SW-400 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. 70# / 1k')**

## CONSTRUCTION INFORMATION

1	Conductor Size	10 Gauge
2	Conductor Type	<b>SW-400:</b> 0.108" Solid Bare Copper-Clad Aluminum <b>SW-400EF:</b> 7/.038" Stranded Bare Copper
3	Conductor Diameter	.108"
4	Insulation Type	Extruded Foam Polyethylene
5	Insulation Diameter	.285"
6	Shield 1 Size/Type	Bonded Aluminum Foil + Tinned
7	Shield 2 Size/Type	Copper Braid
8	Shield Diameter	.320" NOM
9	Shielding Effectiveness	90 dB
10	Jacket Type	Thermoplastic Elastomer
11	Temperature Range	-40 to +185F
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>	<u>RG-214</u>
150MHz	1.5	1.5	2.8
450MHz	2.7	2.7	5.2
900MHz	3.9	3.9	8.0
1500MHz	5.1	5.1	
2000MHz	6.0	6.0	
2500MHz	6.8	6.8	

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LMR is a registered trademark of Times Microwave