



CROWN RF



2005A Industrial Blvd. Rockwall, TX 75087 972-771-4711 972-771-9499 (fax) 800-225-3429 (toll free)
sales@crownerf.com www.crownerf.com

SW-195 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. 23# / 1k')**

CONSTRUCTION INFORMATION

1	Conductor Size	18-19 Ga. Approx.
2	Conductor Type	Solid Copper
3	Conductor Diameter	.037"
4	Insulation Type	Foam Polyethylene
5	Insulation Diameter	.110"
6	Shield 1 Size/Type	Bonded Aluminum Foil + Tinned
7	Shield 2 Size/Type	Copper Braid
8	Shield Diameter	.139" NOM
9	Shielding Effectiveness	90 dB
10	Jacket Type	Black Polyethylene or PVC
11	Temperature Range	-40 to +185F
12	Voltage Withstand	1000 VDC (Peak Power – 2.5KW)
13	Jacket Color	Black
14	Jacket Diameter	.195" (Min Bend Radius – 0.5")
15	Impedance (OHMS)	50 OHMS
16	Capacitance (pF/ft.)	24.3 pF/ft
17	Velocity of Propagation	80%
18	DC Resistance	Inner Conductor 7.6 Ohm/1000' Outer Conductor 4.9 Ohm/1000'
19	Cutoff Frequency	41 GHZ

Nominal Attenuation (db/100')

	<u>SW-195</u>	<u>LMR195®</u>	<u>RG-58</u>	<u>RG-142</u>	<u>RG-223</u>
150MHz	4.4	4.3	5.6	4.7	4.9
450MHz	7.8	7.5	10	8.3	8.7
900MHz	11.1	10.7	14.5	12.1	12.7
1500MHz	14.5	13.4	19.1	16.1	16.8
2000MHz	16.9	16.1	22.4	18.9	19.7
2500MHz	19	18.1	25.3	21.4	22.3