



CROWN RF



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LMR-195 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. 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 (Outer Cond.)	.116" Aluminum Tape
7	Shield (Overall Braid)	.139" Tinned Copper
8	Shielding Effectiveness	90 dB
9	Jacket Type	Black Polyethylene or PVC
10	Temperature Range	-40 to +185°F
11	Voltage Withstand	1000 VDC (Peak Power – 2.5KW)
12	Jacket Color	Black
13	Jacket Diameter	.195" (Min Bend Radius – 0.5")
14	Impedance (OHMS)	50 OHMS
15	Capacitance (pF/ft.)	25.4 pF/ft
16	Velocity of Propagation	80%
17	DC Resistance	Inner Conductor 7.6 Ohm/1000' Outer Conductor 4.9 Ohm/1000'
18	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