



# CROWN ELECTRONICS



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## SW 240 LOW LOSS CABLE

= to Times Microwave LMR ® series

- **High performance – 50 ohm**
- **Manufactured by Coleman Cable**
- **UV Resistant PE (Polyethylene)**
- **100% sweep tested to 5.8 GHZ**
- **Available in Waterproof or Riser Rated**
- **500' or 1000' spools**

## CONSTRUCTION INFORMATION

1	Conductor Size	15-16 Ga. Approx.
2	Conductor Type	Solid 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	Black Polyethylene or PVC
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 3.2 Ohm/1000' Outer Conductor 3.89 Ohm/1000'
19	Cutoff Frequency	31 GHZ

## Nominal Attenuation (db/100')

	<u>SW-240</u>	<u>LMR240®</u>	<u>BELDEN 9913</u>	<u>RG-213</u>	<u>RG-214</u>	<u>½" SUPERFLEX</u>
150MHz	3	3	1.5 (100)	2.1	1.9	
450MHz	5.3	5.3	2.7 (400)	4.5(400)	4.1	
900MHz	7.6	7.6	4.1	7.6	7.6	3.60(1K)
1500MHz	9.9	9.9	5.4	8.2(1K)	8.0(1K)	
2000MHz	11.5	11.5	6.4	-	-	5.37
2500MHz	12.9	12.9	7.3	21.5(4K)	20.0(4K)	

Signa-Wave™ is a trademark of Coleman Cable Inc.

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## SW240 CONNECTORS

TYPE N	CROWN P/N
N (M)	CRN-1850
N (F)	CRN-1865
N (M) 90	CRN-1860
N (F) BLKHD	CRN-1870

TNC	CROWN P/N
TNC (M)	CRT-3600
TNC (F) BKHD	CRT-3102
TNC (F)	CRT-3125
TNC (M) RP	CRT-3525R
TNC (F) RP BLKHD	CRT-3575R

BNC	CROWN P/N
BNC (M)	CRB-2100

UHF	CROWN P/N
UHF (M)	CRU-4100
UHF (F)	CRU-4125

SMA	CROWN P/N
SMA (M)	CRS-6340
SMA (M) RP	CRS-6340R
SMA (M) 90	CRS-6240
SMA (F)	CRS-6345
SMA (F) RP	CRS-6345R

7/16	CROWN P/N
7/16 (M)	CRD-2240
7/16 (F)	CRD-2245

**\* ALL CONNECTORS ARE CRIMP STYLE**

**\* "RP" IN DESCRIPTION DENOTES REVERSE POLARITY**

**\*\*\* FOR A CURRENT QUOTE PLEASE CALL OR E-MAIL: [sales@crownelectronics.com](mailto:sales@crownelectronics.com)**