



# CROWN ELECTRONICS

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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

## CONSTRUCTION INFORMATION

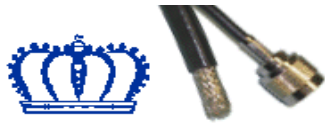
1	Conductor Size	10 Ga. Solid
2	Conductor Type	Bare Copper-Clad Aluminum
3	Conductor Diameter	.108"
4	Insulation Type	Extruded Foam Polyethylene
5	Insulation Diameter	.285"
6	Shield 1 Size/Type	Bonded Aluminum Foil + Tinned
7	Shield 2 Size/Type	Copper Braid
8	Shield Diameter	.320" NOM
9	Shielding Effectiveness	90 dB
10	Jacket Type	Black Polyethylene or PVC
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 1.39 Ohm/1000' Outer Conductor 1.65 Ohm/1000'
19	Cutoff Frequency	16.2 GHz

## Nominal Attenuation (db/100')

	<u>SW-400</u>	<u>LMR400®</u>	<u>BELDEN 9913</u>	<u>RG-213</u>	<u>RG-214</u>	<u>½" SUPERFLEX</u>
150MHz	1.5	1.5	1.5 (100)	2.1	1.9	
450MHz	2.7	2.7	2.7 (400)	4.5(400)	4.1	
900MHz	3.9	3.9	4.1	7.6	7.6	3.60(1K)
1500MHz	5.1	5.1	5.4	8.2(1K)	8.0(1K)	
2000MHz	6.0	6.0	6.4	-	-	5.37
2500MHz	6.8	6.8	7.3	21.5(4K)	20.0(4K)	

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

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## SW400 CONNECTORS

TYPE N	CROWN P/N
N (M)	CRN-1601
N (F)	CRN-1625
N (M) 90	CRN-1690
N (F) BLKHD	CRN-1630

TNC	CROWN P/N
TNC (M)	CRT-3400
TNC (M) RP	CRT-3400R
TNC (F)	CRT-3410
TNC (F) RP	CRT-3410R
TNC (F) BLKHD	CRT-3425

BNC	CROWN P/N
BNC (M)	CRB-4000

UHF	CROWN P/N
UHF (M)	CRU-4112
UHF (F)	CRU-4110

SMA	CROWN P/N
SMA (M)	CRS-9400
SMA (M) RP	CRS-9400R
SMA (F)	CRS-9410
SMA (F) RP	CRS-9410R

7/16	CROWN P/N
7/16 (M)	CRD-2400
7/16 (F)	CRD-2425

**\* 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)**