



CROWN ELECTRONICS



2005A INDUSTRIAL BLVD. ROCKWALL, TX 75087 972-771-4711 800-225-3429 (fax) 972-771-9499

SW 400 LOW LOSS CABLE

3/31/09

= 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

400 series specifications

Part# / Design	Cap. (pF/ft)	Imp. (ohms)	Vel. (%)	Shield Effect (dB)	Jkt Spark (VAC)	Cutoff Freq (GHz)	Peak Pwr (kW)	Volt Withstd (VDC)	Inner Cond.		Dielectric		Outer Cond.		Jacket		Atten/Avg Pwr 68°F				
									D.C.R. (/M')	Nom Diam (In)	Nom Diam (In)	D.C.R. (/M')	Nom Diam (In)	Nom Diam (In)	Min Bend Radius	Stor Temp (°F)	Install Temp (°F)	Oper Temp (°F)	Freq (MHz)	Atten (dB/100ft)	Avg Pwr (kW)
Standard Outdoor	23.9	50	85	90	8,000	16.2	16	2,500	1.39	0.108	0.285	1.65	0.320	0.405	1.00	-94 to +185	-40 to +185	-40 to +185	30	0.70	3.30
									Solid BCC AL		Foam PE/ Bonded Alum. Foil + Tinned		Copper Braid		PE		50	0.90	2.60		
																	150	1.50	1.50		
																	220	1.90	1.20		
																	450	2.70	0.83		
																	900	3.90	0.58		
								1500	5.10	0.44											
								2000	6.00	0.37											

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 (F)	CRT-3410
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 (F)	CRS-9410

7/16 CROWN P/N

7/16 (M)	CRD-2400
7/16 (F)	CRD-2425

* All connectors are crimp style

*** FOR A CURRENT QUOTE PLEASE CALL OR E-MAIL: sales@crownelectronics.com



CROWN ELECTRONICS

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

SW-400

Signa-Wave™ – 400 Series Flexible Communications Cable

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.

® Registered trademark of Times Microwave