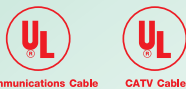


RG6 COAXIAL CABLE

GENERAL GRADE With POWER WIRE



PART NUMBER	CB-0109SW	CB-0109SPW	CB-0109SMW
INNER CONDUCTOR	Copper Covered Steel	Copper Covered Steel	Copper Covered Steel
DIAMETER	1.02 mm (18AWG)	1.02 mm (18AWG)	1.02 mm (18AWG)
DIELECTRIC	Foamed Polyethylene	Foamed Polyethylene	Foamed Polyethylene
DIAMETER	4.57 mm	4.57 mm	4.57 mm
SHIELDS TAPE	AL/P-Foil	AL/P-Foil	AL/P-Foil
100% COVERAGE	(Bonded)	(Bonded)	(Bonded)
BRAID WIRE	Aluminum	Aluminum	Aluminum
DIAMETER	0.16 mm x 144 wire	0.16 mm x 144 wire	0.16 mm x 144 wire
SHIELDS COVERAGE	96%	96%	96%
JACKET	Black PVC	Black PE	Black PE
DIAMETER	6.86 mm (11.56 mm with Power Wire)	6.86 mm (11.56 mm with Power Wire)	6.86 mm (13.86 mm with Messenger & Power Wire)
POWER WIRE	Stranded Bare Copper	Stranded Bare Copper	Stranded Bare Copper
DIAMETER	2 x 1.02 mm (18AWG)	2 x 1.02 mm (18AWG)	2 x 1.02 mm (18AWG)
MESSENGER WIRE	N/A	N/A	Galvanize Steel 1.3 mm PE 2.30 mm
SCREENING	VHF 80 dB	VHF 80 dB	VHF 80 dB
FACTOR AT	UHF 75 dB	UHF 75 dB	UHF 75 dB

APPLICATION CCTV, CATV, MATV, HDTV, TV Cable, RF Signal Transmission : **STANDARD** MIL-C-17F, MIL-C-17G, ANSI / TIA-568-C.4

Frequency MHz	Attenuation dB/100m	Return Loss	
1	1.00	5 - 470 MHz	>25.00 dB
5	1.60	470 - 1000 MHz	>23.00 dB
10	2.30	1000 - 2000 MHz	>20.00 dB
50	4.60	Impedance	75 Ohm
100	6.50	Capacitance	52 pF ± 3 /m
200	9.50	Velocity Ratio	82%
300	11.30	DCR Inner Conductor	98 Ohm/km
400	13.10	DCR Shields	27.5 Ohm/km
460	15.00	Minimum Bending Radius	
700	17.20	Loaded	10 x Cable OD
870	19.50	Unloaded	4 x Cable OD
1000	21.30	Tensile Strength	
1750	29.00	Maximum Pulling Tension	470 N
2000	32.00	Temperature	
2500	35.10	Storage/Operation	-20 °C to 75 °C
3000	39.00	Installation	0 °C to 60 °C
		Jacket Sparker	4000 VAC
		Dielectric Strength	2500 VAC

ORDERING INFORMATION

PART NO.	DESCRIPTION	PACKAGE	JACKET COLOR
CB-0109SW	RG6 CABLE, GENERAL GRADE, SHIELD 96%, with 2x Power Wire, Indoor	500m / WR	BLACK
CB-0109SPW	RG6 CABLE, GENERAL GRADE, SHIELD 96%, with 2x Power Wire, Outdoor	500m / WR	BLACK
CB-0109SMW	RG6 CABLE, GENERAL GRADE, SHIELD 96%, with Messenger & 2x Power Wire	500m / WR	BLACK

*WR = Wooden Reel, CLB = Color Box, PB = Pull Box