

RG6 COAXIAL CABLE

STANDARD PLUS 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
SHIELD 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
SHIELD COVERAGE	96%	96%	96%
NON-HYGROSCOPIC TAPE	NA	PET Foil	PET Foil
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	Attenuation	Return Loss
MHz	dB/100m	
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 78 Ohm/km
400	13.10	DCR Shields 17.5 Ohm/km
460	15.00	Minimum Bending Radius
700	17.20	Loaded (Installation) 10 x Cable OD
870	19.50	Unloaded (Operation) 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	PAGKAGE	JACKET COLOR
CB-0109SW+	RG6 CABLE, STANDARD PLUS GRADE, SHIELD 96%, with 2x Power Wire, Indoor	500m / WR	BLACK
CB-0109SPW+	RG6 CABLE, STANDARD PLUS GRADE, SHIELD 96%, with 2x Power Wire, Outdoor	500m / WR	BLACK
CB-0109SMW+	RG6 CABLE, STANDARD PLUS GRADE, SHIELD 96%, with Messenger & 2x Power Wire	500m / WR	BLACK