



# RG6 COAXIAL CABLE

## STANDARD PLUS GRADE SHIELD 96%



PART NUMBER	CB-0109S+	CB-0109S+WH	CB-0109SP+	CB-0109SM+
INNER CONDUCTOR DIAMETER	Copper Covered Steel 1.02 mm (18AWG)		Copper Covered Steel 1.02 mm (18AWG)	Copper Covered Steel 1.02 mm (18AWG)
DIELECTRIC DIAMETER	Foamed Polyethylene 4.57 mm		Foamed Polyethylene 4.57 mm	Foamed Polyethylene 4.57 mm
SHIELD TAPE 100% COVERAGE	AL/P-Foil (Bonded)		AL/P-Foil (Bonded)	AL/P-Foil (Bonded)
BRAID WIRE DIAMETER	Aluminum 0.16 mm x 144 wire		Aluminum 0.16 mm x 144 wire	Aluminum 0.16 mm x 144 wire
SHIELD COVERAGE	96%		96%	96%
NON-HYGROSCOPIC TAPE	NA		PET Foil	PET Foil
JACKET DIAMETER	Black PVC 6.86 mm	White PVC 6.86 mm	Black PE 6.86 mm	Black PE 6.86 mm (9.16 mm with Messenger)
MESSENGER WIRE	N/A		N/A	Galvanize Steel 1.3 mm PE 2.30 mm
SCREENING FACTOR AT	VHF 80 dB UHF 75 dB		VHF 80 dB UHF 75 dB	VHF 80 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	<b>Impedance</b> 75 Ohm
100	6.50	<b>Capacitance</b> 52 pF ± 3 /m
200	9.50	<b>Velocity Ratio</b> 82%
300	11.30	<b>DCR Inner Conductor</b> 78 Ohm/km
400	13.10	<b>DCR Shields</b> 17.5 Ohm/km
460	15.00	<b>Minimum Bending Radius</b>
700	17.20	Loaded (Installation) 10 x Cable OD
870	19.50	Unloaded (Operation) 4 x Cable OD
1000	21.30	<b>Tensile Strength</b>
1750	29.00	Maximum Pulling Tension 470 N
2000	32.00	<b>Temperature</b>
2500	35.10	Storage/Operation -20 °C to 75 °C
3000	39.00	Installation 0 °C to 60 °C
		<b>Jacket Sparker</b> 4000 VAC
		<b>Dielectric Strength</b> 2500 VAC

### ORDERING INFORMATION

PART NO.	DESCRIPTION	PAGKAGE	JACKET COLOR
CB-0109S+	RG6 CABLE, STANDARD PLUS GRADE, SHIELD 96%, Indoor	500m / Reel in Box	BLACK
CB-0109S+WH	RG6 CABLE, STANDARD PLUS GRADE, SHIELD 96%, Indoor	500m / Reel in Box	WHITE
CB-0109S+1	RG6 CABLE, STANDARD PLUS GRADE, SHIELD 96%, Indoor	100m / Color/Box	BLACK
CB-0109S+1WH	RG6 CABLE, STANDARD PLUS GRADE, SHIELD 96%, Indoor	100m / Color/Box	WHITE
CB-0109SP+	RG6 CABLE, STANDARD PLUS GRADE, SHIELD 96%, Outdoor	500m / Reel in Box	BLACK
CB-0109SM+	RG6 CABLE, STANDARD PLUS GRADE, SHIELD 96%, with Messenger Wire	500m / Reel in Box	BLACK