

RG6 COAXIAL CABLE

STANDARD PLUS GRADE SHIELD 96%



PART NUMBER	CB-0109S+	CB-0109S+WH	CB-0109SP+	CB-0109SM+
INNER CONDUCTOR	Copper Covered Steel		Copper Covered Steel	
DIAMETER	1.02 mm (18AWG)		1.02 mm (18AWG)	
DIELECTRIC	Foamed Polyethylene		Foamed Polyethylene	
DIAMETER	4.57 mm		4.57 mm	
SHIELD TAPE	AL/P-Foil		AL/P-Foil	
100% COVERAGE	(Bonded)		(Bonded)	
BRAID WIRE	Aluminum		Aluminum	
DIAMETER	0.16 mm x 144 wire		0.16 mm x 144 wire	
SHIELD COVERAGE	96%		96%	
NON-HYGROSCOPIC TAPE	NA		PET Foil	
JACKET	Black PVC	White PVC	Black PE	Black PE
DIAMETER	6.86 mm		6.86 mm	
			(9.16 mm with Messenger)	
MESSENGER WIRE	N/A		N/A	
			Galvanize Steel 1.3 mm	
			PE 2.30 mm	
SCREENING	VHF 80 dB		VHF 80 dB	
FACTOR AT	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-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