

RG6 COAXIAL CABLE

MILITARY GRADE SHIELD 95%



PART NUMBER	CB-0108	CB-0108P	CB-0108M
INNER CONDUCTOR	Bare Copper	Bare Copper	Bare Copper
DIAMETER	1.02 mm (18AWG)	1.02 mm (18AWG)	1.02 mm (18AWG)
DIELECTRIC	Foamed Polyethylene	Foamed Polyethylene	Foamed Polyethylene
DIAMETER	4.80 mm	4.80 mm	4.80 mm
SHIELD TAPE	AL/P-Foil	AL/P-Foil	AL/P-Foil
100% COVERAGE	(Bonded)	(Bonded)	(Bonded)
BRAID WIRE	Bare Copper	Bare Copper	Bare Copper
DIAMETER	0.12 mm x 168 wire	0.12 mm x 168 wire	0.12 mm x 168 wire
SHIELD COVERAGE	95%	95%	95%
JACKET	Black PVC	Black PE	Black PE
DIAMETER	6.80 mm	6.80 mm	6.80 mm (9.10 mm with Messenger)
MESSENGER WIRE	N/A	N/A	Galvanize Steel 1.3 mm PE 2.30 mm
SCREENING	1-1000 MHz	1-1000 MHz	1-1000 MHz
FACTOR AT	> 55 dB	> 55 dB	> 55 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	0.62	5 - 470 MHz	>20.00 dB
5	1.21	470 - 1000 MHz	>18.00 dB
10	2.14	Impedance	75 Ohm
50	4.15	Capacitance	52 pF ± 3 /m
100	6.50	Velocity Ratio	82%
200	9.50	DCR Inner Conductor	22 Ohm/km
300	11.30	DCR Shields	6.6 Ohm/km
400	13.10	Minimum Bending Radius	
460	15.00	Loaded (Installation)	10 x Cable OD
700	17.20	Unloaded (Operation)	4 x Cable OD
870	19.50	Tensile Strength	
1000	21.30	Maximum Pulling Tension	470 N
1750	29.00	Temperature	
2000	32.00	Storage/Operation	-20 °C to 75 °C
2500	35.10	Installation	0 °C to 60 °C
3000	39.00	Jacket Sparker	4000 VAC
		Dielectric Strength	2500 VAC

ORDERING INFORMATION

PART NO.	DESCRIPTION	PAGKAGE	JACKET COLOR
CB-0108	RG6 CABLE, MILITARY GRADE, SHIELD 95% , Indoor	500m / Reel in Box	BLACK
CB-0108P	RG6 CABLE, MILITARY GRADE, SHIELD 95% , Outdoor	500m / Reel in Box	BLACK
CB-0108M	RG6 CABLE, MILITARY GRADE, SHIELD 95% , with Messenger Wire	500m / Reel in Box	BLACK