



# 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 or Black LSZH	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	<b>Impedance</b>	75 Ohm
50	4.15	<b>Capacitance</b>	52 pF ± 3 /m
100	6.50	<b>Velocity Ratio</b>	82%
200	9.50	<b>DCR Inner Conductor</b>	22 Ohm/km
300	11.30	<b>DCR Shields</b>	11 Ohm/km
400	13.10	<b>Minimum Bending Radius</b>	
460	15.00	Loaded (Installation)	10 x Cable OD
700	17.20	Unloaded (Operation)	4 x Cable OD
870	19.50	<b>Tensile Strength</b>	
1000	21.30	Maximum Pulling Tension	470 N
1750	29.00	<b>Temperature</b>	
2000	32.00	Storage/Operation	-20 °C to 75 °C
2500	35.10	Installation	0 °C to 60 °C
3000	39.00	<b>Jacket Sparker</b>	4000 VAC
		<b>Dielectric Strength</b>	2500 VAC

### ORDERING INFORMATION

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