

RG11 COAXIAL CABLE

MILITARY GRADE SHIELD 95%



PART NUMBER	CB-0110	CB-0110P	CB-0110M
INNER CONDUCTOR	Bare Copper	Bare Copper	Bare Copper
DIAMETER	1.63 mm (14AWG)	1.63 mm (14AWG)	1.63 mm (14AWG)
DIELECTRIC	Foamed Polyethylene	Foamed Polyethylene	Foamed Polyethylene
DIAMETER	7.10 mm	7.10 mm	7.10 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	0.16 mm x 192 wire	0.16 mm x 192 wire	0.16 mm x 192 wire
SHIELD COVERAGE	95%	95%	95%
JACKET	Black PVC or Black LSZH	Black PE	Black PE
DIAMETER	10.03 mm	10.03 mm	10.03 mm (13.50 mm with Messenger)
MESSENGER WIRE	N/A	N/A	Galvanize Steel 1.83 mm PE 3.47 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-17E, MIL-C-17G, ANSI | TIA-568-C.4

Frequency MHz	Attenuation dB/100m	Return Loss	
1	0.56	5 - 470 MHz	>20.00 dB
5	1.15	470 - 1000 MHz	>18.00 dB
10	1.38	Impedance	75 Ohm
50	2.95	Capacitance	52 pF ± 3 /m
100	3.05	Velocity Ratio	82%
200	5.53	DCR Inner Conductor	8.5 Ohm/km
300	7.38	DCR Shields	5.5 Ohm/km
400	8.23	Minimum Bending Radius	
460	8.98	Loaded (Installation)	10 x Cable OD
700	11.50	Unloaded (Operation)	4 x Cable OD
870	13.00	Tensile Strength	
1000	14.22	Maximum Pulling Tension	712 N
1750	18.70	Temperature	
2000	19.87	Storage/Operation	-20 °C to 75 °C
2500	21.54	Installation	0 °C to 60 °C
3000	29.97	Jacket Sparker	4000 VAC
		Dielectric Strength	2500 VAC

ORDERING INFORMATION

PART NO.	DESCRIPTION	PAGKAGE	JACKET COLOR
CB-0110	RG11 CABLE, MILITARY GRADE, SHIELD 95%, Indoor	500m / WR	BLACK PVC
CB-0110P	RG11 CABLE, MILITARY GRADE, SHIELD 95%, Outdoor	500m / WR	BLACK PE
CB-0110M	RG11 CABLE, MILITARY GRADE, SHIELD 95%, with Messenger Wire	500m / WR	BLACK PE
CB-0110LSZH	RG11 CABLE, MILITARY GRADE, SHIELD 95%, Indoor, LSZH	500m / WR	BLACK LSZH

*WR = Wooden Reel