



RG11 COAXIAL CABLE

ADVANCE GRADE SHIELD 90%



PART NUMBER	CB-0111A	CB-0111AP	CB-0111AM
INNER CONDUCTOR	Copper Covered Steel	Copper Covered Steel	Copper Covered Steel
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	Aluminum	Aluminum	Aluminum
DIAMETER	0.16 mm x 168 wire	0.16 mm x 168 wire	0.16 mm x 168 wire
SHIELD COVERAGE	90%	90%	90%
JACKET	White PVC or White LSZH	Black PE	Black PE
DIAMETER	10.03 mm	10.03 mm	10.03 mm (13.5 mm with Messenger)
MESSANGER WIRE	N/A	N/A	Galvanize Steel 1.83 mm PE 3.47 mm
SCREENING	VHF 80 dB	VHF 80 dB	VHF 80 dB
FACTOR AT	UHF 75 dB	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 MHz	Attenuation dB/100m	Return Loss	
1	0.66	5 - 470 MHz	>25.00 dB
5	1.25	470 - 1000 MHz	>23.00 dB
10	1.48	1000 - 2000 MHz	>20.00 dB
50	3.11	Impedance	75 Ohm
100	3.05	Capacitance	52 pF ± 3 /m
200	5.53	Velocity Ratio	82%
300	7.38	DCR Inner Conductor	33.1 Ohm/km
400	8.23	DCR Shields	15.8 Ohm/km
460	8.98	Minimum Bending Radius	
700	11.42	Loaded (Installation)	10 x Cable OD
870	12.87	Unloaded (Operation)	4 x Cable OD
1000	13.91	Tensile Strength	
1750	17.66	Maximum Pulling Tension	712 N
2000	18.41	Temperature	
2500	20.36	Storage/Operation	-20 °C to 75 °C
3000	25.62	Installation	0 °C to 60 °C
		Jacket Sparker	4000 VAC
		Dielectric Strength	2500 VAC

ORDERING INFORMATION

PART NO.	DESCRIPTION	PACKAGE	JACKET COLOR
CB-0111A	RG11 CABLE, ADVANCE GRADE, SHIELD 90%, Indoor	500m / WR	WHITE PVC
CB-0111AP	RG11 CABLE, ADVANCE GRADE, SHIELD 90%, Outdoor	500m / WR	BLACK PE
CB-0111AM	RG11 CABLE, ADVANCE GRADE, SHIELD 90%, with Messenger Wire	500m / WR	BLACK PE
CB-0111ALSZH	RG11 CABLE, ADVANCE GRADE, SHIELD 90%, Indoor, LSZH	500m / WR	WHITE LSZH