



# RG11 COAXIAL CABLE

## SPECIFICATION

CONDUCTOR Ømm.	DIELECTRIC Ømm.	SHIELDS TAPE 100% COVERAGE	BRAID WIRE Ømm.	COVERAGE	JACKET Ømm.	MESSENGER Ømm.	SCREENING FACTOR AT	DCR (Ohm) CONDUCTOR(Kft/Km) SHIELD(Kft/Km)
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### INDOOR



Bare Copper 1.63	Foamed Polyethylene 7.10	-	Bare Copper 0.16 x 192	93 %	PVC 10.03	-	5-1000 MHz 55 dB	2.6 / 8.5 2.5 / 8.2
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**CB-0110**



Copper Cover Steel 1.63	Foamed Polyethylene 7.10	AL/P-Foil (Bonded)	Aluminum 0.16 x 168	90 %	PVC 10.03	-	VHF 80 dB UHF 75 dB	12 / 39.4 7.2 / 23.5
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**CB-0111**

### OUTDOOR



Bare Copper 1.63	Foamed Polyethylene 7.10	-	Bare Copper 0.16 x 192	93 %	PE 10.03	-	5-1000 MHz 55 dB	2.6 / 8.5 2.5 / 8.2
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**CB-0110P**



Copper Cover Steel 1.63	Foamed Polyethylene 7.10	AL/P-Foil (Bonded)	Aluminum 0.16 x 168	90 %	PE 10.03	-	VHF 80 dB UHF 75 dB	12 / 39.4 7.2 / 23.5
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**CB-0111P**

### OUTDOOR with Messenger Wire



Bare Copper 1.63	Foamed Polyethylene 7.10	-	Bare Copper 0.16 x 192	93 %	PE 10.03 (13.5)	1.83 Steel 3.47 PE	5-1000 MHz 55 dB	2.6 / 8.5 2.5 / 8.2
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**CB-0110M**



Copper Cover Steel 1.63	Foamed Polyethylene 7.10	AL/P-Foil (Bonded)	Aluminum 0.16 x 168	90 %	PE 10.03 (13.5)	1.83 Steel 3.47 PE	VHF 80 dB UHF 75 dB	12 / 39.4 7.2 / 23.5
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**CB-0111M**

## FOR SECURITY, CCTV, CATV, MATV, TV Cable

Attenuation max.	CB-0110 Series MIL Grade		CB-0111 Series	
	dB/100m	dB/100ft	dB/100m	dB/100ft
1 MHz	0.56	0.19	0.66	0.20
10 MHz	1.51	0.46	1.48	0.45
50 MHz	-	-	3.00	0.90
100 MHz	3.05	0.93	4.00	1.22
200 MHz	-	-	5.53	1.69
400 MHz	9.15	2.79	-	-
700 MHz	13.32	4.06	11.50	12.70
900 MHz	15.29	4.66	13.60	15.00
1000 MHz	15.81	4.83	14.30	4.40
1200 MHz	-	-	15.70	4.48
1800 MHz	-	-	18.90	5.80
2200 MHz	-	-	20.70	6.33

	CB-0110 Series MIL Grade	CB-0111 Series
<b>Return loss</b>		
5 - 470 MHz	> 20.00 dB	> 25.00 dB
470 - 1000 MHz	> 18.00 dB	> 23.00 dB
1000 - 2000 MHz	-	> 20.00 dB
<b>Impedance</b>	75 Ohm	75 Ohm
<b>Capacitance</b>	52 pF ± 3/m	52 pF ± 3/m
<b>Velocity ratio</b>	82 %	82 %
<b>Bending Minimum Bending Radius</b>		
Loaded	20 Times Cable OD	20 Times Cable OD
Unloaded	10 Times Cable OD	10 Times Cable OD
<b>Tensile strength</b>		
Maximum Pulling Tension	126 LBS	126 LBS
<b>Temperature</b>		
Operation	-20 °C to 75 °C	-20 °C to 75 °C
Installation	0 °C to 60 °C	0 °C to 60 °C
<b>Sparker</b>	VAC 4000	VAC 4000
<b>Dielectric Strength</b>	VAC 2500	VAC 2500

