

# RG6 COAXIAL CABLE

## ADVANCE GRADE SHIELD 95%



PART NUMBER	CB-0106A	CB-0106A-WH	CB-0106AP	CB-0106AM
INNER CONDUCTOR	Copper Covered Steel		Copper Covered Steel	Copper Covered Steel
DIAMETER	1.02 mm (18AWG)		1.02 mm (18AWG)	1.02 mm (18AWG)
DIELECTRIC	Foamed Polyethylene		Foamed Polyethylene	Foamed Polyethylene
DIAMETER	4.57 mm		4.57 mm	4.57 mm
SHIELD TAPE	AL/P-Foil		AL/P-Foil	AL/P-Foil
100% COVERAGE	(Bonded)		(Bonded)	(Bonded)
BRAID WIRE	Aluminum		Aluminum	Aluminum
DIAMETER	0.12 mm x 144 wire		0.12 mm x 144 wire	0.12 mm x 144 wire
SHIELD COVERAGE	95%		95%	95%
NON-HYGROSCOPIC TAPE	NA		PET Foil	PET Foil
JACKET	Black PVC/LSZH	White PVC/LSZH	Black PE	Black PE
DIAMETER	6.86 mm		6.86 mm	6.86 mm (9.16 mm with Messenger)
MESSENGER WIRE	N/A		N/A	Galvanize Steel 1.3 mm PE 2.30 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	1.00	5 - 470 MHz >25.00 dB
5	1.60	470 - 1000 MHz >23.00 dB
10	2.30	1000 - 2000 MHz >20.00 dB
50	4.60	<b>Impedance</b> 75 Ohm
100	6.50	<b>Capacitance</b> 52 pF ± 3 /m
200	9.50	<b>Velocity Ratio</b> 82%
300	11.30	<b>DCR Inner Conductor</b> 92 Ohm/km
400	13.10	<b>DCR Shields</b> 29 Ohm/km
460	15.00	<b>Minimum Bending Radius</b>
700	17.20	Loaded (Installation) 10 x Cable OD
870	19.50	Unloaded (Operation) 4 x Cable OD
1000	21.30	<b>Tensile Strength</b>
1750	29.00	Maximum Pulling Tension 470 N
2000	32.00	<b>Temperature</b>
2500	35.10	Storage/Operation -20 °C to 75 °C
3000	39.00	Installation 0 °C to 60 °C
		<b>Jacket Sparker</b> 4000 VAC
		<b>Dielectric Strength</b> 2500 VAC

### ORDERING INFORMATION

PART NO.	DESCRIPTION	PACKAGE	JACKET COLOR
CB-0106A	RG6 CABLE, ADVANCE GRADE, SHIELD 95%, Indoor	500m / Reel in Box	BLACK PVC
CB-0106A-WH	RG6 CABLE, ADVANCE GRADE, SHIELD 95%, Indoor	500m / Reel in Box	WHITE PVC
CB-0106AP	RG6 CABLE, ADVANCE GRADE, SHIELD 95%, Outdoor	500m / Reel in Box	BLACK PE
CB-0106AM	RG6 CABLE, ADVANCE GRADE, SHIELD 95%, Outdoor with Messenger Wire	500m / Roll	BLACK PE