



# FLEXIBLE COAXIAL CABLE STRANDED CONDUCTOR



PART NUMBER	CB-0104F	CB-0106F
INNER CONDUCTOR	Stranded Bare Copper	Stranded Copper Covered Steel
DIAMETER	0.20 mm x 16 wire (20AWG)	0.20 mm x 16 wire (20AWG)
DIELECTRIC	Foamed Polyethylene	Foamed Polyethylene
DIAMETER	3.65 mm	3.66 mm
SHIELD TAPE	N/A	AL/P-Foil
100% CONVERGENCE		(Bonded)
BRAID WIRE	Bare Copper	Aluminum
DIAMETER	0.11 mm x 144 wire	0.16 mm x 64 wire
SHIELD COVERAGE	95%	90%
JACKET	Black PVC	White PVC
DIAMETER	6.20 mm	6.20 mm
SCREENING	1 - 1000MHz	VHF 80 dB
FACTOR AT	55 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	CB-0104F CB-0106F		Return Loss	CB-0104F	CB-0106F
	Attenuation dB/100m				
1	0.78	1.00	5 - 470 MHz	>20.00 dB	>25.00 dB
5	2.08	3.60	470 - 1000 MHz	>18.00 dB	>23.00 dB
10	2.67	2.30	<b>Impedance</b>	75 Ohm	
50	5.58	4.60	<b>Capacitance</b>	52 pF ± 3 /m	
100	7.78	7.78	<b>Velocity Ratio</b>	82%	
200	10.80	10.80	<b>DCR Inner Conductor</b>	36.5 Ohm/km	145.5 Ohm/km
300	14.60	14.60	<b>DCR Shields</b>	13.5 Ohm/km	32.5 Ohm/km
400	16.73	16.73	<b>Minimum Bending Radius</b>		
460	17.72	17.72	Loaded (Installation)	10 x Cable OD	
700	22.57	22.57	Unloaded (Operation)	4 x Cable OD	
870	24.67	24.67	<b>Tensile Strength</b>		
1000	26.64	26.64	Maximum Pulling Tension	372 N	
1750	38.00	38.00	<b>Temperature</b>		
2000	39.00	39.00	Storage/Operation	-20 °C to 75 °C	
2500	43.10	43.10	Installation	0 °C to 60 °C	
3000	47.30	47.30	<b>Jacket Sparker</b>	4000 VAC	
			<b>Dielectric Strength</b>	2500 VAC	

## ORDERING INFORMATION

PART NO.	DESCRIPTION	PAGKAGE	JACKET COLOR
CB-0104F	RG59 FLEXIBLE CABLE, MILITARY GRADE, SHIELD 95%, Indoor	500m / Reel in Box	BLACK PVC
CB-0106F	RG59 FLEXIBLE CABLE, ADVANCE GRADE, SHIELD 90%, Indoor	100m / Easy Box	WHITE PVC