



FLEXIBLE COAXIAL CABLE



PART NUMBER	CB-0104F	CB-0105HF-1
INNER CONDUCTOR	Stranded Bare Copper	Copper Covered Steel
DIAMETER	0.20 mm x 16 wire (20AWG)	0.813 mm (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	0.12 mm x 112 wire	0.12 mm x 128 wire
SHIELD COVERAGE	95%	90%
JACKET	Black PVC	White PVC
DIAMETER	6.20 mm	6.10 mm
SCREENING	1 - 1000MHz	VHF 80 dB
FACTOR AT	55 dB	UHF 75 dB
DRC inner Conductor	36.5 Ohm/km	154 Ohm/km
DCR Shields	13.5 Ohm/km	34.5 Ohm/km

APPLICATION CCTV, CATV, MATV, HDTV, TV Cable, RF Signal Transmission : **STANDARD** MIL-C-17F, MIL-C-17G, ANSI | TIA-568-C.4

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Frequency MHz	Attenuation dB/100m		Return Loss	CB-0104F	CB-0105HF-1
	1	0.78		1.52	5 - 470 MHz
5	2.08	2.82	470 - 1000 MHz	>18.00 dB	
10	2.67	2.71	Impedance	75 Ohm	
50	5.58	5.78	Capacitance	52 pF ± 3 /m	
100	7.78	7.78	Velocity Ratio	82%	
200	10.80	10.80	DCR Inner Conductor	36.5 Ohm/km	154 Ohm/km
300	14.60	14.60	DCR Shields	13.5 Ohm/km	34.5 Ohm/km
400	16.73	16.73	Minimum Bending Radius		
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	Tensile Strength		
1000	26.64	26.64	Maximum Pulling Tension	372 N	
1750	38.00	38.00	Temperature		
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	Jacket Sparker	4000 VAC	
			Dielectric Strength	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-0105HF-1	RG Hi-Flex Cord 75 Ohm, SHIELD 90%, Indoor	100m / Color Box	WHITE PVC