

RG59 COAXIAL CABLE



PART NUMBER	CB-0104 (Military Grade)	CB-0105 (Standard Grade)
INNER CONDUCTOR	Bare Copper	Copper Covered Steel
DIAMETER	0.81 mm (20AWG)	0.81 mm (20AWG)
DIELECTRIC	Foamed Polyethylene	Foamed Polyethylene
DIAMETER	3.80 mm	3.66 mm
SHIELD TAPE	NA	AL/P-Foil
100% CONVERGAGE		(Bonded)
BRAID WIRE	Bare Copper	Aluminum
DIAMETER	0.11 mm x 144 wire	0.12 mm x 128 wire
SHIELD COVERAGE	95%	90%
JACKET	Black PVC or Black LSZH	White PVC or White LSZH
DIAMETER	6.00 mm	6.10 mm
SCREENING	1 - 1000MHz	VHF 80 dB
FACTOR AT	55 dB	UHF 75 dB
DRC inner Conductor	33 Ohm/km	154 Ohm/km
DCR Shields	8.9 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

Frequency MHz	CB-0104 CB-0105		Return Loss	CB-0104	CB-0105
	Attenuation dB/100m				
1	0.78	1.52	5 - 470 MHz	>20.00 dB	>25.00 dB
5	2.08	2.82	470 - 1000 MHz	>18.00 dB	>23.00 dB
10	2.67	2.71	1000 - 2000 MHz	-	>20.00 dB
50	5.58	5.78	Impedance	75 Ohm	
100	7.78	7.78	Capacitance	52 pF ± 3 /m	
200	10.80	10.80	Velocity Ratio	82%	
300	14.60	14.60	DCR Inner Conductor	33 Ohm/km	154 Ohm/km
400	16.73	16.73	DCR Shields	8.9 Ohm/km	34.5 Ohm/km
460	17.72	17.72	Minimum Bending Radius		
700	22.57	22.57	Loaded (Installation)	10 x Cable OD	
870	24.67	24.67	Unloaded (Operation)	4 x Cable OD	
1000	26.64	26.64	Tensile Strength		
1750	38.00	38.00	Maximum Pulling Tension	372 N	
2000	39.00	39.00	Temperature		
2500	43.10	43.10	Storage/Operation	-20 °C to 75 °C	
3000	47.30	47.30	Installation	0 °C to 60 °C	
			Jacket Sparker	4000 VAC	
			Dielectric Strength	2500 VAC	

ORDERING INFORMATION

PART NO.	DESCRIPTION	PAGKAGE	JACKET COLOR
CB-0104	RG59 CABLE, MILITARY GRADE, SHIELD 95% , Indoor	500m / Reel in Box	BLACK PVC
CB-0105	RG59 CABLE, STANDARD GRADE, SHIELD 90% , Indoor	500m / Reel in Box	WHITE PVC
CB-0104LSZH	RG59 CABLE, MILITARY GRADE, SHIELD 95% , Indoor, LSZH	500m / Reel in Box	BLACK LSZH
CB-0105LSZH	RG59 CABLE, STANDARD GRADE, SHIELD 90% , Indoor, LSZH	500m / Reel in Box	WHITE LSZH