

RG6 COAXIAL CABLE TRI & QUAD SHIELD



PART NUMBER	CB-0109T	CB-0106T	CB-0109Q
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	4.60 mm	4.60 mm	4.57 mm
SHIELDING 1	AL/P-Foil (Bonded)	AL/P-Foil (Bonded)	AL/P-Foil (Bonded)
SHIELDING 2	AL/P/AL-Foil (Non-Bonded)	Aluminum Braid (85%) 0.16 mm x 112 wire	Aluminum Braid (60%) 0.12 mm x 64 Wire
SHIELDING 3	Aluminum (85%) 0.16 mm x 112 wire	AL/P/AL-Foil (Non-Bonded)	AL/P/AL-Foil (Non-Bonded)
SHIELDING 4	N/A	N/A	Aluminum Braid wire (40%) 0.12 mm x 48 wire
JACKET	Black PVC	Black PVC	Black PVC
DIAMETER	7.06 mm	7.06 mm	7.62 mm
SCREENING FACTOR AT			
30 - 1000 MHz		> 100	> 110
1000 - 2000 MHz		> 95	> 105
2000 - 3000 MHz		> 95	> 100

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	CB-0109T, CB-0106T		CB-0109-Q
			>20.00 dB	>18.00 dB	>21.00 dB
1	1.00	5 - 470 MHz	>18.00 dB	>20.00 dB	>20.00 dB
5	1.60	470 - 1000 MHz	>16.00 dB	>20.00 dB	>20.00 dB
10	2.30	1000 - 3000 MHz			
50	4.53	Impedance	75 Ohm		
100	6.50	Capacitance	52 pF/m		
200	9.09	Velocity Ratio	>83%		
300	11.30	DCR Inner Conductor	78 Ohm/km		
400	13.06	DCR Shields	15.5 Ohm/km		
460	15.00	Minimum Bending Radius			
700	17.20	Loaded (Installation)	10 x Cable OD		
900	20.24	Unloaded (Operation)	4 x Cable OD		
1000	21.30	Tensile Strength			
1450	25.80	Maximum Pulling Tension	650 N		
2200	32.20	Temperature			
2500	35.10	Storage/Operation	-20 °C to 75 °C		
3000	36.00	Installation	0 °C to 60 °C		
		Jacket Sparker	4000 VAC		
		Dielectric Strength	2000 VAC		

ORDERING INFORMATION

PART NO.	DESCRIPTION	PACKAGE	JACKET COLOR
CB-0109T	RG6 CABLE, TRI, SHIELD 85%, Indoor, TRI SHIELD (F/F/B)	500m / WR	BLACK
CB-0106T	RG6 CABLE, TRI, SHIELD 85%, Indoor, TRI SHIELD (F/B/F)	500m / WR	BLACK
CB-0109Q	RG6 CABLE, QUAD, SHIELD, Indoor, QUAD SHIELD (F/B/F/B)	500m / WR	BLACK

*WR = Wooden Reel