



RG58 COAXIAL CABLE

MILITARY GRADE, SHIELD 95%



PART NUMBER	CB-0102
CONDUCTOR	Stranded Tinned Copper
DIAMETER	0.18 mm x 19 Wire (20AWG)
DIELECTRIC	Solid Polyethylene
DIAMETER	2.95 mm
BRAID WIRE	Tinned Copper
DIAMETER	0.11 mm x 144 wire
COVERAGE	95%
JACKET	Black PVC
DIAMETER	4.95 mm
SCREENING	1 - 1000MHz
FACTOR AT	55 dB

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

Frequency MHz	Attenuation dB/100m	Return Loss	
1	2.11	5 - 470 MHz	>20.00 dB
5	3.51	470 - 1000 MHz	>18.00 dB
10	5.08	Impedance	50 Ohm
50	14.91	Capacitance	100 pF/m
100	16.08	Velocity Ratio	66%
200	29.81	DCR Inner Conductor	33.3 Ohm/km
300	33.14	DCR Shields	13.5 Ohm/km
400	37.73	Minimum Bending Radius	
460	40.18	Loaded (Installation)	10 x Cable OD
700	55.73	Unloaded (Operation)	4 x Cable OD
870	65.23	Tensile Strength	
1000	70.52	Maximum Pulling Tension	245 N
		Temperature	
		Storage/Operation	-20 °C to 75 °C
		Installation	0 °C to 60 °C
		Jacket Sparker	4000 VAC
		Dielectric Strength	2500 VAC

ORDERING INFORMATION

PART NO.	DESCRIPTION	PAGKAGE	JACKET COLOR
CB-0102	RG58 CABLE, MILITARY GRADE, SHIELD 95%, Indoor	500m / Reel in Box	BLACK PVC