
RG58C/U COAXIAL CABLE

1. CONSTRUCTION

CENTER CONDUCTOR:	19 x 0.18mm (19 x 33 AWG) STRANDED TINNED COPPER NOMINAL DIAMETER: 0.889mm (0.035")
DIELECTRIC:	SOLID POLYETHYLENE (SOLID PE) NOMINAL DIAMETER OVER DIELECTRIC: 2.95mm (0.116")
SHIELD:	112 x 36 AWG TINNED COPPER WIRE BRAID, 95% COVERAGE NOMINAL DIAMETER OVER SHIELD: 3.45mm (0.136")
JACKET:	PVC JACKET NOMINAL DIAMETER OVER JACKET: 4.95mm (0.195") NOMINAL JACKET THICKNESS: 0.74mm (0.029")



2. ATTENUATION

Attenuation	[@68° F. (20° C.)]	
	Maximum (dB/100 ft.)	Maximum (dB/100 m)
Frequency (MHz)		
1	0.40	1.31
10	1.35	4.43
50	3.08	10.10
100	4.40	14.43
200	6.45	21.15
400	9.33	30.60
700	13.04	42.75
900	15.36	50.36
1000	16.40	53.77

3. ELECTRICAL CHARACTERISTICS

Nominal Impedance	50±3 Ohm
Nominal Velocity of Propagation	66%
Capacitance	29.74 pF / ft
Voltage Withstand	1000 VDC
Inner conductor DC Resistance	10.98 Ohm / 1000 feet
Outer conductor DC Resistance	4.58 Ohm / 1000 feet

4. APPROVAL



UL Listed: CMX, CM, CMR