

RG TYPE COAXIAL CABLE		RG58C/U	
DIMENSIONS			
Center Conductor Diameter			
(inch)			0.0355
(mm)			0.85
Dielectric Diameter			
(inch)			0.116
(mm)			2.95
Braid Diameter			
(inch)			0.139
(mm)			3.53
Jacket			
(inch)			0.195
(mm)			4.95
MATERIAL SPECIFICATIONS			
Jacket			PVC
Braid			TPC (Single Braid)
Dielectric			PE
Center Conductor			19/0072 TPC
ELECTRICAL CHARACTERISTICS			
Impedance			50ohm
Capacitance (Nominal)			
(pF/ft)			29
(pF/m)			95.1
Velocity of Propagation (%)			65.9
Maximum Working Voltage			1400
Max. Cond. Resistance			
(Ohms/100Ft)			1.24
(Ohms/100m)			4.06
Corona Extinction Voltage			
(K VRMS)			1.9
Min. Dielectric Strength			
(KV RMS)			5.0
Typical Attenuation At 20°C		Attenuation	Power
Average Power (Watts At 20°C)			
100MHz		dB/100Ft	dB/100M
400MHz		4.9	16.1
			400
1GHz		10.4	34.1
			200
		17.7	58
			120
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)			-40/+80
Min. Bend Radius			
(inch)			1
(mm)			25.4
Weight			
(g/Ft)			11.5
(g/M)			38