

RG58CU 50Ω Mil-C-17



CONSTRUCTION

Item	Material	Diameter (mm)
Inner Conductor	Tinned Copper	19/0.18
Dielectric	Solid PE	2.95 ± 0.1
Shield	95% Tinned Copper Braid 16x7x0.12mm (Pitch 15.8mm)	3.55
Jacket	PVC-RoHS & Flame resistant Thickness	5.0 ± 0.1 0.73

ELECTRICAL CHARACTERISTICS

Capacitance (pF/m)	101.0
Impedance (Ω)	50.0
Velocity of Propagation (%)	66.0
Conductor DCR (Ohm/km)	< 35
Outer Shield DCR (Ohm/km)	13.5
Max Operating Frequency (MHz)	1000.0
Max Operating Voltage (RMS)	1900.0
Operating Temp Range (°C)	-40 to 85

ATTENUATION (20 °C)

Frequency(MHz)	Max Attenuation (dB/100m)
10	4.3
50	10.9
100	15.1
200	21.0
400	31.2
600	39.6
860	50.6
1000	52.0

Packing: 100M/Cardboard Spool, Spool Size: 250x75x70mm

Weight of cable: 45KG/KM