

RG-58C/U

Lightweight Coaxial Cable, 0 - 6000 MHz

RG-58C/U is a lightweight coaxial cable with single braided outer conductor

- Braided inner conductor, 19 x 0.18 mm.
- Flexible cable with a small bending radius.
- For applications up to 6000 MHz.



ELECTRICAL SPECIFICATIONS

Type	Coaxial Cable
Frequency	0 - 6000 MHz
Attenuation	See table
Propagation Velocity	66 %
Capacitance	100 pF/m
Impedance	50±3 Ohm
Max. Power	See table

MECHANICAL SPECIFICATIONS

Color	Black
Inner Conductor	Ø 0.95 mm (19 x 0.18 mm), Tinned Copper wire
Dielectric	Ø 2.95±0.1 mm, Low Density Polyethylene (PE)
Outer Conductor	Ø 3.6 mm (128 x 0.1 mm), Tinned Copper wire braid (88% coverage)
Jacket	Ø 5.0±0.1 mm, Polyvinyl Chloride (PVC)
Min. Bending Radius	50 mm
Weight	36.1 kg/km
Operating Temperature	-30 to +70 °C

Datasheet

2 / 2

ORDERING INFORMATION

RG-58/U-100	Cardboard drum, 100 m
RG-58/U-200	Cardboard drum, 200 m
RG-58/U-1000	Plywood drum, 1000 m.



RG58/U		
Frequency [MHz]	Attenuation [dB/100m]	Max. Power [W]
30	7.9	346
150	18.2	155
450	33.0	89
800	45.8	67
1000	52.4	60
1500	67.0	49
2000	79.8	43
2500	96.6	38
3000	111.0	35
5200	175.3	26
5800	191.7	25