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Datasheet

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

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

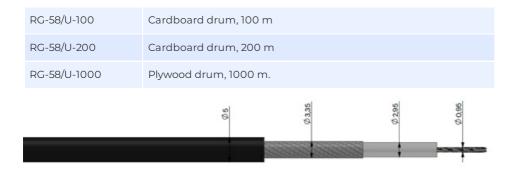
MECHANICAL SPECIFICATIONS

Color	Black		
Inner Conductor	\emptyset 0.95 mm (19 \times 0.18 mm), Tinned Copper wire		
Dielectric	Ø 2.95±0.1 mm, Low Density Polyethylene (PE)		
Outer Conductor	\emptyset 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		

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ORDERING INFORMATION



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.O	35	
5200	175.3	26	
5800	191.7	25	