

RF Coaxial Cable - RG58A/U

COA5800

1 MHz to 1000 MHz



The COA5800 cable offered by Laird is engineered for peak performance up to 1000 MHz. The cable is tested and certified to meet performance specifications. Equipment manufacturers require certified cable to minimize system losses to within known parameters and this coaxial cable meets those requirements. The manufacturing processes and raw materials are well controlled in order to provide very consistent performance from lot to lot.

FEATURES

- Tested and certified to meet specifications
- Various connector options available
- Flexible high temperature kink resistant cable jacket

MARKETS

- Low-power signal and RF connections
- OEM equipment
- Two-way radio communications

CABLE SPECIFICATIONS

PART NUMBER COA5800	CONDUCTOR	INSULATION	OUTER SHIELDING	OUTER JACKET
Material	Tinned Copper	Solid Polyethylene	Tinned Copper	Polyvinyl Chloride (PVC)
Size / Misc.	20AWG	N/A	95% Coverage	Black Color
Stranding	19X33	N/A	Braid	N/A
Outside Diameter	∅ 0.035"	∅ 0.116"	N/A	∅ 0.192" - ∅ 0.196"

TECHNICAL DATA	
Nominal Impedance	50Ω
Nominal Inductance	0.092 μH/Ft
Nominal Capacitance	30.8 Pf/Ft
Velocity of Propagation	66%
Conductor DC Resistance @20° C	10.8 Ω/1000 ft.
Outer Shield DC Resistance	4.1 Ω/1000 ft.
Operating Temperature	-40°C to +75°C

ATTENUATION TABLE	
Frequency (MHz)	Nominal Attenuation (dB/100ft.)
1	0.4
10	1.5
50	3.7
100	5.4
200	8.1
400	12.4
700	17.7
900	21.1
1000	22.8

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