

RG174 Cable A/U

BATT Part No:

Black: 49053
White: 49066

Applications:

Coaxial cables are used in high frequency transmission, especially for transmitters and receivers, computers, radio and TV transmissions. RG174 coax cable, also known as RF cable

Conductor:

Single-Core, PE-Insulation, Tinned Copper Wire Braid, PVC-Sheath Coaxial Cable MIL-C-17 50 Ohm

Insulation:

Plain Copper, 7 strand 0.48mm
Solid Polyethylene - PE
1.6mm

Colour code:

Natural

Braiding:

Tinned Copper Wire

Braiding construction:

64 x 0.12

Braiding coverage:

95%

Outer sheath:

Polyvinyl chloride - PVC - Black
2.8mm

Technical Data & Standard References

Fire Propagation: - Test on single cable IEC 60332-1
CPR Class Eca EN 50575:2016
Type of Cable: COAX Cable
Low Voltage Directive 2014/35/UE

Attenuation at 20°C (-dB/100m) (+/- 8%)

50 Mhz : 17.87
100 Mhz : 26.51
211 Mhz : 38.83
330 Mhz : 49.41
550 Mhz : 65.51
870 Mhz : 88.14
1000 Mhz : 99.58

Electrical & Mechanical Data

DC Resistance per core at 20° C : 136 max Ω /km
DC Resistance Braiding at 20° C : 24.5 max Ω /km
Insulation Resistance at 20° C : 5000 min $M\Omega \cdot km$
Mutual Capacitance : 100 max nF/km
Velocity Ratio : 66%
Impedance : 50 +/- 3 Ω

Temperature Range

Insulation Operation
-20° C up to +70° C



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