

RG 174 U

50 Ω Coaxial Cable – Standard MIL-C-17

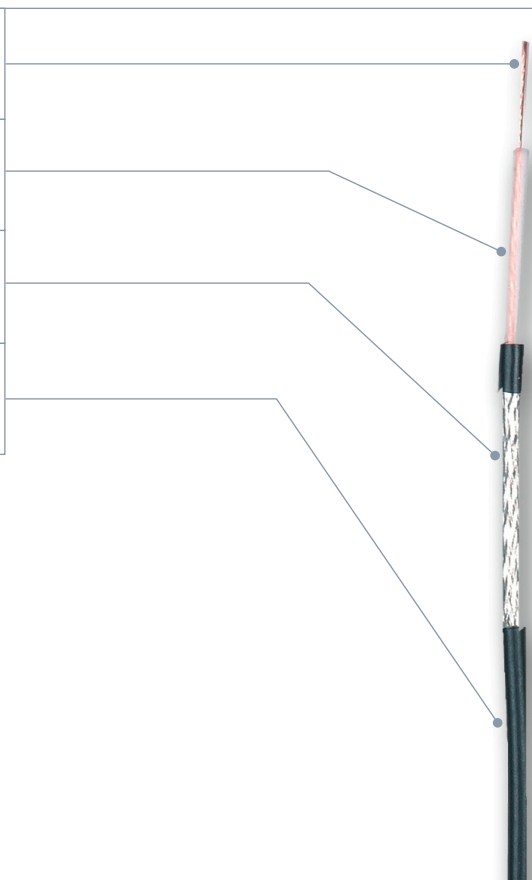


Conductor:
Coppered steel
7 $\times$ 0.16 mm

Dielectric:
Polyethylene
Diameter: 1.52 mm

External conductor:
Tinned copper braid
Recovery: > 86%

Gain:
PVC – Black
 $\varnothing$ nom.: 2.80 mm



FT 11/06/2015 EN

PRODUCT INFORMATION

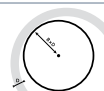
APPLICATION

The RG 174 coaxial cables - 50 ohms are perfectly suited for high-frequency signal transmissions, particularly in radio communication.

FEATURES



Operating temperature:
- 10°C to + 80°C



Minimum radius of curvature:
30 mm



Weight:
12 kg/km



Compliant with the RoHS directive

ELECTRICAL PROPERTIES

Characteristic impedance at 200 MHz: 50 Ω

Nominal capacity (800 Hz – 1 GHz): 100 pF/m

Insulation resistance at 20°C: > 5000 M Ω .km

Dielectric rigidity at 50Hz: > 2000 V

Electrical resistance at 20°C
- interior conductor: < 287 Ω /km
- external conductor: < 41 Ω /km

Propagation speed: 66 %

Maximum normative weakening
@ 400 MHz : 82,1 dB/100m