



RG 58 Low Loss 50 Ohm

- double shielded
- high coverage of braid; copper tinned braid wire
- gas injected insulation; very good attenuation
- manufactured on the lines of MIL-C-17
- made in Germany
- fulfilled RoHS (EN 2002/95 EG)

Construction

- Inner conductor: 1,02mm copper
- Insulation: 2,9mm Zell-PE. +/- 0,1
- Outer conductor:
 - a) Alu-foil
 - b) Copper braid tinned wires
- Jacket: 5,00mm PVC black +/- 0,2

Technical Data

- Impedance: 50 Ohm $\pm$ 3
- Capacity (pF/m): 82
- Velocity (v/c): 0,81
- Attenuation at 20°C (dB100m):
 - 100 MHz - 10,3
 - 400 MHz - 20,9
 - 800 MHz - 30,1
 - 1.000 MHz - 33,7
 - 1.800 MHz - 46,6
 - 2.000 MHz - 49,6
- Shield dampening(dB): >90dB
- Direct current resistance (Ohm/km):
 - Inner conductor: 22, outer conductor: 14
- Minimum bending radius: 50mm
- Cable weight kg/km: +/- 41
- Copper weight kg/km: +/- 29
- Range of temperature: -20°C to +70°C

Utilization

For instance in radio engineering and transmission. Similar to RG 58C/U but as a result of gas injected insulation and additional alu foil far better electrical properties.

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- Further formats available on request
 - All data and products subject to change