

RG 59 B/U

Construction

- Inner conductor: 0,58 mm Diameter 0,58 mm +/- 0,02 mm
- Insulation: 1,560 mm Full PE, Diameter 3,70 mm +/- 0,15 mm
Colour nature
- Braid: Construction 0,12x16x7, optical coverage 86 %
- Sheath: >= 0,75 PVC, Diameter 6,10 mm +/- 0,15mm,
Colour black

Electrical Properties

- Max. Inner conductor, DC-resistance at 20°C (Ω/km): < 235
- Min. Insulation, DC-resistance at 20°C ($\text{M}\Omega/\text{km}$): > 1000
- nominal voltage: 30
- propagation velocity (%): < 70
- wave resistance Ω : 66,7
- capacity covering (nF/m): 75 +/- 3
- damping at 20°C C (dB/100m) +/- 5%:

50 MHz - 8,50	450 MHz - 26,00
100 MHz - 11,80	800 MHz - 35,80
200 MHz - 16,50	860 MHz - 37,20
1000 MHz - 39,50	

Mechanical Properties

- installation temperature: -10°C - +45°C
- storage temperature: +15°C - +40°C
- operating temperature: -10°C - +70°C
- bending radius: 31 mm

Application Area

In the route and distribution network of CATV and broadband communication networks

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