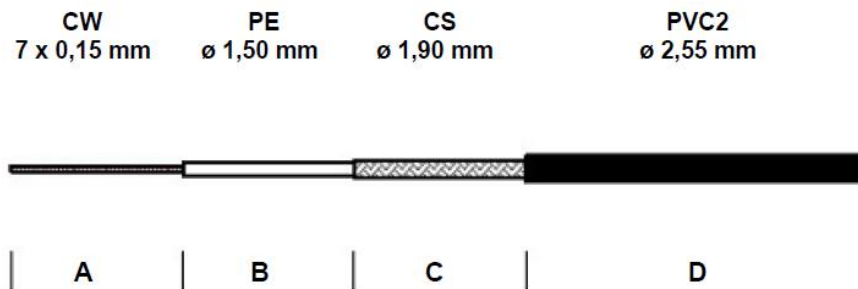


**Specification**

Code-Nr.: RG174 C/U

**Photos**



**Electrical properties**

Impedance 50 ± 2 Ohm  
 Capacitance 100 pF/m  
 Velocity ratio 66%

Attenuation dB/100m :

- 50 MHz 21,60
- 100 MHz 30,90
- 200 MHz 44,40
- 300 MHz 53,00
- 450 MHz 60,00
- 500 MHz 72,30
- 800 MHz 84,00
- 900 MHz 90,00
- 1000 MHz 105,50

Screening Effectiveness dB :

- 100-900 MHz > 50
- .....-..... MHz

Inner conductor resistance 290 Ohm/Km  
 Outer conductor resistance 39 Ohm/Km

Structural Return Loss dB :

- 30-300 MHz > 25
- 300-600 MHz > 23
- 600-900 MHz > 20

**Mechanical properties**

- |   |  |
|---|--|
| <b>A</b> Copperweld inner conductor                         | <b>CW</b> Dimension : 7 x 0,16 mm        |
| <b>B</b> Low density polyethylene dielectric                | <b>PE</b> Dimension : ∅ 1,50 ± 0,08 mm   |
| <b>C</b> Tinned copper outer conductor, Percentage coverage | <b>CS</b> Dimension : 64 x 0,10 mm / 88% |
| <b>D</b> Non-contaminating polyvinyl-chloride sheath        | <b>PVC2</b> Dimension : ∅ 2,55 ± 0,13 mm |

Sheath's Colour Black  
 Ohm Sheath's printing MIL-C-17 / RG174 C/U

Copper weight 5,9 Kg/Km  
 Cable weight 12,5 Kg/Km  
 Temperature -30°C to +70°C