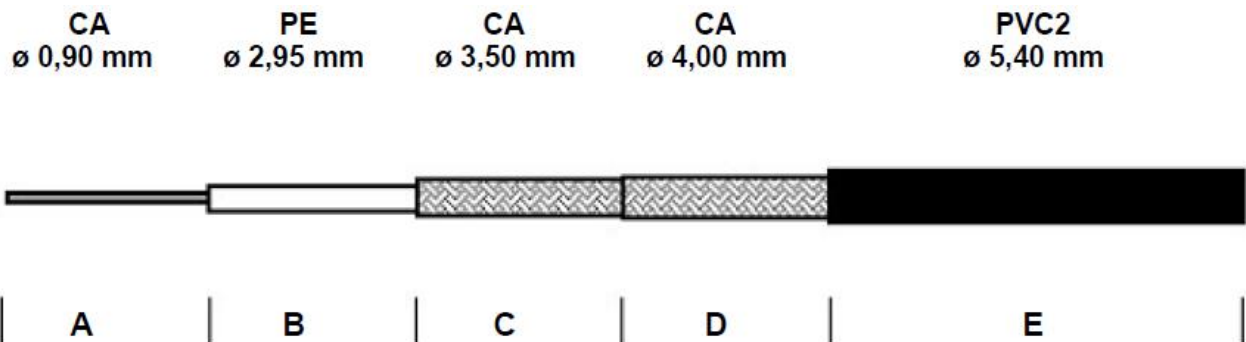


Specification

Code-Nr.: RG223 U

Photos



Electrical properties

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

Attenuation dB/100m :

• 50 MHz	9,3
• 100 MHz	13,5
• 200 MHz	19,7
• 500 MHz	32,8
• 1000 MHz	49,0
• 2000 MHz	79,6
• 3000 MHz	96,3

Screening Effectiveness dB :

• 100-900 MHz	> 70
•-..... MHz	

Inner conductor resistance	28 Ohm/Km
Outer conductor resistance	8 Ohm/Km

Structural Return Loss dB :

• 30-300 MHz	> 32
• 300-600 MHz	> 28
• 600-900 MHz	> 23

Mechanical properties

A Silvered copper inner conductor	CA Dimension : ø 0,90 ± 0,025 mm
B Low density polyethylene dielectric	PE Dimension : ø 2,95 ± 0,10 mm
C Silvered copper outer conductor, Percentage coverage	CA Dimension : 112 x 0,13 mm, 98%
D Silvered copper outer conductor, Percentage coverage	CA Dimension : 112 x 0,13 mm, 97%
E Non-contaminating polyvinyl-chloride sheath	PVC2 Dimension : ø 5,40 ± 0,10 mm

Sheath's colour	Black
Ohm Sheath's printing	MIL-C-17, RG223 U
Copper Weight	38,5 Kg/Km
Cable weight	59,9 Kg/Km
Temperature	-30°C to +70°C

RG223 U REV. 01