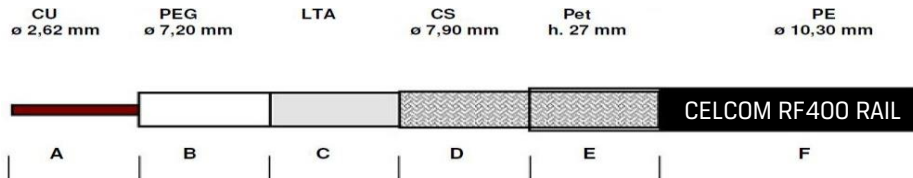


Specification

Code-Nr.: 400000RAIL

Photos



Electrical properties

EN Certificates

Impedance 50 ± 3 Ohm  
 Capacitance 80 pF/m  
 Velocity ratio 84%

EN45545  
 EN50305:2002  
 EN61034-2:2005+A1:2013

Attenuation dB/100m :

- 50 MHz 2.5
- 100 MHz 3.6
- 400 MHz 7.9
- 600 MHz 10.0
- 860 MHz 12.1
- 1000 MHz 13.2
- 1750 MHz 18.7
- 2400 MHz 22.2

Screening Effectiveness dB :

- 100-900 MHz > 85 CLASS A
- .....-..... MHz

Inner conductor resistance 3.2 Ohm/Km  
 Outer conductor resistance 7.5 Ohm/Km

Structural Return Loss dB :

- 30-300 MHz > 29
- 300-600 MHz > 26
- 600-2400 MHz > 24

Mechanical properties

- |  |                                   |
|--|-----------------------------------|
| A Plain copper inner conductor                                   | CU Dimension : Ø 2.62 mm          |
| B Gas injected foam polyethylene dielectric                      | PEG Dimension : Ø 7.20 ± 0.10 mm  |
| C Aluminium+polyester+aluminium tape shield, Percentage coverage | LTA Dimension : 100%              |
| D Tinned copper outer conductor, Percentage coverage             | CS Dimension : 128 x 0.15 mm, 70% |
| E Non-migrating tape   | Pet Dimension : h.27 mm           |
| F Carbon black polyethylene sheath                               | LSZH Dimension : Ø 10.30 ±0.18 mm |

Sheat's Colour Black  
 Sheat's printing MIL-Type, CELCOM RF400 RAIL  
 Bending radius Installation: 25 mm  
 Bending radius Repeated: 100 mm  
 Copper weight 71.0 Kg/Km  
 Cable weight 122.1 Kg/Km  
 Temperature -40°C to +75°C