

# Filotex®

# RG 59 B/U LSF COAXIAL 75 W 85°C Polyethylene

### PRODUCT REFERENCE

FILOTEX Ref: 2PE 375

#### Main characteristics

- □ Operating temperature: 40 to +85°C
  □ Continuous working voltage: 1700 volts
- ☐ Maximal operating frequency: 1 GHz
- ☐ Good resistance to flame NFC 32070/C2 (CEI 332 –1&2)
- ☐ Capacitance: <72.2 pF/m
- □ Relative velocity of propagation: 65.9 %
- Characteristic impedance at 200 MHz: 75 ± 3 Ω
- ☐ Attenuation at 10 MHz: 4 dB/100 m

at 200 MHz: 18 dB/100 m at 400 MHz: 27 dB/100 m at 3000 MHz: 95 dB/100m

- □ Dielectric withstanding at 50 Hz: 7 kV
- Nominal weight: 50 kg/km

# CONSTRUCTION

1- CONDUCTOR: Solid 1x0.58 mm Bronze  $\emptyset = 0.58$  mm

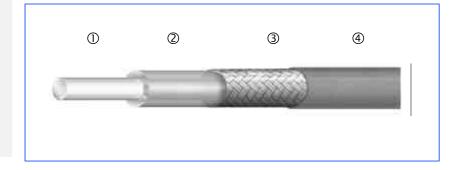
2- DIELECTRIC: Solid Polyethylene Ø = 3.71 mm ± 0.10

3- SCREEN: Single braid Bare copper

4- JACKET: Halogen free  $\emptyset = 6.15 \text{ mm} \pm 0.10$ 

## **Application**

High frequency connections.



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