



# Filotex<sup>®</sup>

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

### PRODUCT REFERENCE

FILOTEX Ref: **2PE 375**

### CONSTRUCTION

1- CONDUCTOR:  
Solid 1x0.58 mm Bronze  
Ø = 0.58 mm

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

3- SCREEN:  
Single braid  
Bare copper

4- JACKET:  
Halogen free  
Ø = 6.15 mm ± 0.10

### 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 at200 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

### Application

High frequency connections.

