

### PRODUCT REFERENCES

FILOTEX ref. : **ET 087 059**

### CONSTITUTION

- ① Conductor :  
1 x 0.17 mm solid silver plated  
copper covered steel
- ② Insulation :  
Extruded PTFE  
∅ = 0.52 ± 0.05 mm
- ③ Shield :  
0.05 mm silver plated copper  
braid
- ④ Jacket :  
FEP  
∅ = 1.17 ± 0.05 mm

### Main applications

- High frequency interconnections or PCB in telecommunication equipments

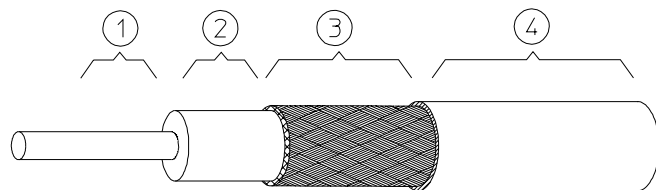
### Electrical characteristics

- Voltage rating: 250 Volts (RMS)
- Operating temperature: - 90°C to + 200°C
- Operating frequency: up to 3 GHz
- Impedance: 50 ± 5 Ω
- Capacitance: 85 pF/m
- Relative propagation velocity: 69.5 %
- Attenuation at
 

0.5 GHz	1.5 dB/m
1.0 GHz	2.3 dB/m
1.5 GHz	2.9 dB/m
2.0 GHz	3.4 dB/m
3.0 GHz	4.3 dB/m

### Physical characteristics

- Very good resistance to solvents
- Very good resistance to soldering operations
- Nominal weight : 3 g/m



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