



Filotex<sup>®</sup>

## URM 76 HF COAXIAL 50 Ω

### Main characteristics

- Operating temperature: -20 to +80°C
- Flame resistance according to: CEI 332 -1
- Nominal capacitance: 105 pF/m
- Nominal propagation velocity : 65.9 %
- Characteristic impedance at 200 MHz:  $50 \pm 3 \Omega$
- Test Voltage: 1500 V<sub>AC</sub> / min

### PRODUCT REFERENCE

FILOTEX Ref: 2PE 380

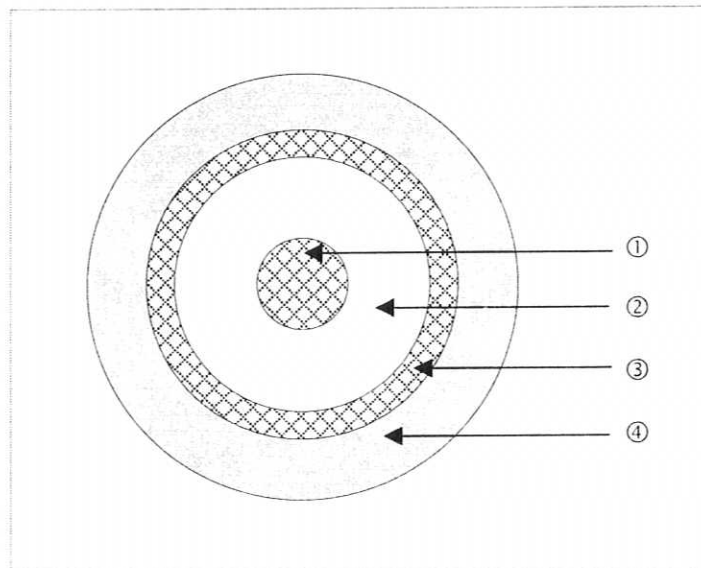
### CONSTRUCTION

1- CONDUCTOR:  
Stranded 7x0.32mm  
Bare copper  $\varnothing = 0.95$  mm

2- DIELECTRIC:  
Polyethylene  
 $\varnothing = 3.00$  mm  $\pm 0.10$

3- SCREEN:  
Single braid bare copper

4- JACKET:  
HALOGEN FREE  
 $\varnothing = 5.00$  mm  $\pm 0.10$



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**URM 76**  
**COAXIAL 50 Ω**

## PRODUCT REFERENCE

FILOTEX Ref: **375 488**

## Main characteristics

- Operating temperature: -40 to +85°C
- Flame resistance according to: CEI 332 -1
- Nominal capacitance: 105 pF/m
- Nominal propagation velocity : 65.9 %
- Characteristic impedance at 200 MHz: 50 Ω
- Test Voltage: 1500 V<sub>AC</sub> / min

## Application

High frequency connections.

## CONSTRUCTION

### 1- CONDUCTOR:

Stranded 7x0.32mm

Bare copper = 0.95 mm

### 2- DIELECTRIC:

Foam Polyethylene

= 3.00 mm ρ 0.10

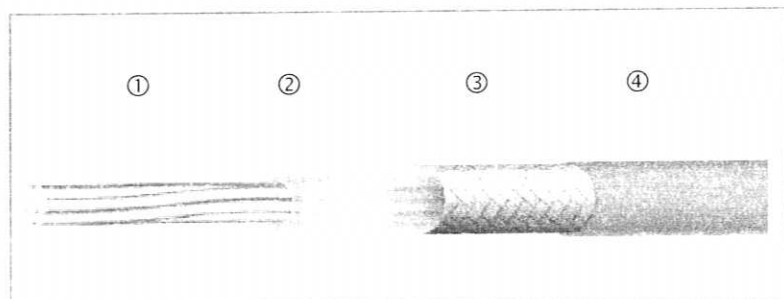
### 3- SCREEN:

Single braid bare copper

### 4- JACKET:

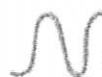
PVC

= 5.00 mm ρ 0.10



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## URM 70 LSF COAXIAL 75 Ω

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### PRODUCT REFERENCE

FILOTEX Ref: **2PE 379**

### Main characteristics

- Operating temperature: - 20 to +80°C
- Flame resistance according to: CEI 332 -1
- Nominal capacitance: 71.5 pF/m
- Nominal propagation velocity : 65.9 %
- Characteristic impedance at 200 MHz: 75 Ω
- Attenuation at 200 MHz: ≤ 21.8 dB/100 m
- Test Voltage: 1500 V<sub>AC</sub> / min

### Application

High frequency connections.

### CONSTRUCTION

#### 1- CONDUCTOR:

Stranded 7x0.20mm

Bare copper = 0.60 mm

#### 2- DIELECTRIC:

Solid Polyethylene

= 3.25 mm ρ 0.10

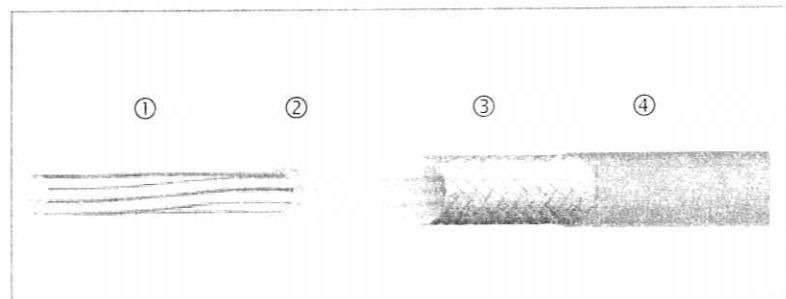
#### 3- SCREEN:

Single braid bare copper

#### 4- JACKET:

Halogen free

= 5.80 mm ρ 0.10



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URM 70  
COAXIAL 75 Ω

## PRODUCT REFERENCE

FILOTEX Ref: **390 591**

### Main characteristics

- Operating temperature: - 40 to +85°C
- Flame resistance according to: CEI 332 -1
- Nominal capacitance: 71.5 pF/m
- Nominal propagation velocity : 65.9 %
- Characteristic impedance at 200 MHz: 75 Ω ± 4 %
- Attenuation at 200 MHz: ≤ 21.8 dB/100 m
- Test Voltage: 1500 V<sub>AC</sub> / min

### Application

High frequency connections.

## CONSTRUCTION

### 1- CONDUCTOR:

Stranded 7x0.20mm

Bare copper = 0.60 mm

### 2- DIELECTRIC:

Solid Polyethylene

= 3.25 mm ± 0.10

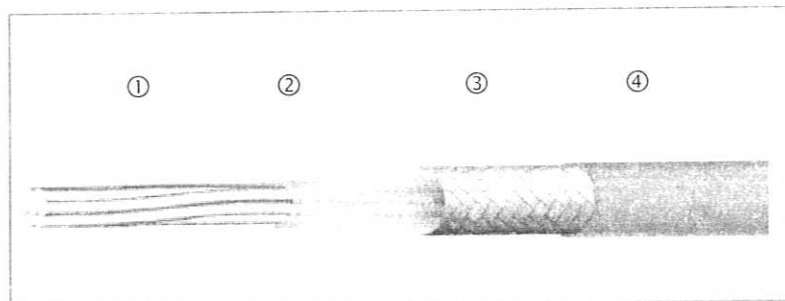
### 3- SCREEN:

Single braid bare copper

### 4- JACKET:

PVC

= 5.80 mm ± 0.10



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## URM 67 COAXIAL 50 Ω

### Main characteristics

- Operating temperature: - 40 to +85°C
- Nominal capacitance: 105 pF/m
- Nominal propagation velocity : 65.9 %
- Characteristic impedance at 200 MHz: 50 p 3 :

### PRODUCT REFERENCE

FILOTEX Ref: **390 613**

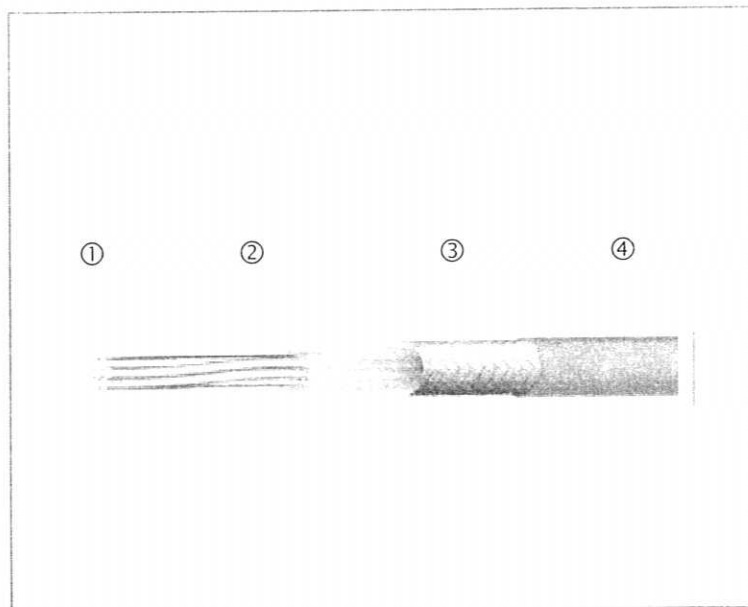
### CONSTRUCTION

1- CONDUCTOR:  
Stranded 7x0.75mm  
Bare copper = 2.25 mm

2- DIELECTRIC:  
Solid Polyethylene  
= 7.25 mm p 0.25

3- SCREEN:  
Single braid bare copper

4- JACKET:  
PVC  
= 10.30 mm p 0.15



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## URM 43 COAXIAL 50 Ω

### PRODUCT REFERENCE

FILOTEX Ref: **277 837**

### Main characteristics

- Operating temperature: - 40 to +85°C
- Flame resistance according to: CEI 332 -1
- Nominal capacitance: 108 pF/m
- Nominal propagation velocity : 65.9 %
- Characteristic impedance at 200 MHz: 50 Ω
- Attenuation at 200 MHz: ≤ 20.7 dB/100 m
- Test Voltage: 1500 V<sub>AC</sub> / 1min

### Application

High frequency connections.

### CONSTRUCTION

#### 1- CONDUCTOR:

Bare copper = 0.90 mm

#### 2- DIELECTRIC:

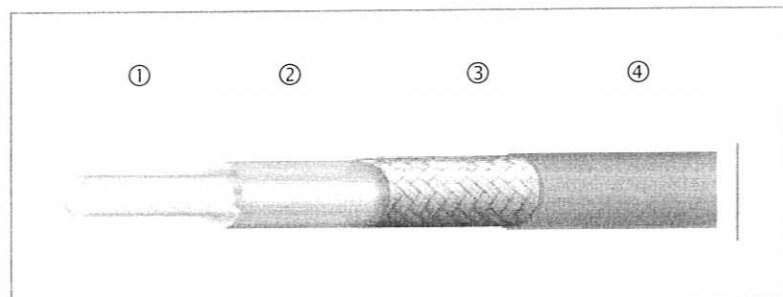
Solid Polyethylene  
= 3.02 mm ρ 0.05

#### 3- SCREEN:

Single braid bare copper

#### 4- JACKET:

PVC  
= 5.00 mm ρ 0.10



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## URM 76 LSF COAXIAL 50 Ω

### PRODUCT REFERENCE

FILOTEX Ref: **2PE 380**

### Main characteristics

- Operating temperature: -20 to +80°C
- Flame resistance according to: CEI 332 -1
- Nominal capacitance: 105 pF/m
- Nominal propagation velocity : 65.9 %
- Characteristic impedance at 200 MHz: 50 Ω ± 3 %
- Test Voltage: 1500 V<sub>AC</sub> / min

### Application

High frequency connections.

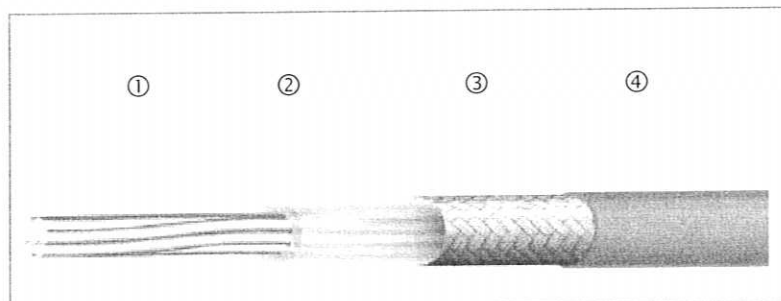
### CONSTRUCTION

1- CONDUCTOR:  
Stranded 7x0.32mm  
Bare copper = 0.95 mm

2- DIELECTRIC:  
Foam Polyethylene  
= 3.00 mm ρ 0.10

3- SCREEN:  
Single braid bare copper

4- JACKET:  
HALOGEN FREE  
= 5.00 mm ρ 0.10



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**KX 15 / RG 58 C/U**  
**COAXIAL 50 Ω**  
**85°C Polyethylene**

## PRODUCT REFERENCE

FILOTEX Ref:

**KX 15 / RG 58 C/U**  
**(ET 373117)**

## CONSTRUCTION

- 1- CONDUCTOR:  
 Stranded 19x0.18  
 Tin plated copper  
 = 0.90 mm
- 2- DIELECTRIC:  
 Solid Polyethylene  
 = 2.95 mm ρ 0.10
- 3- SCREEN:  
 Single braid  
 Tin plated copper
- 4- JACKET:  
 PVC  
 = 4.95 mm ρ 0.15

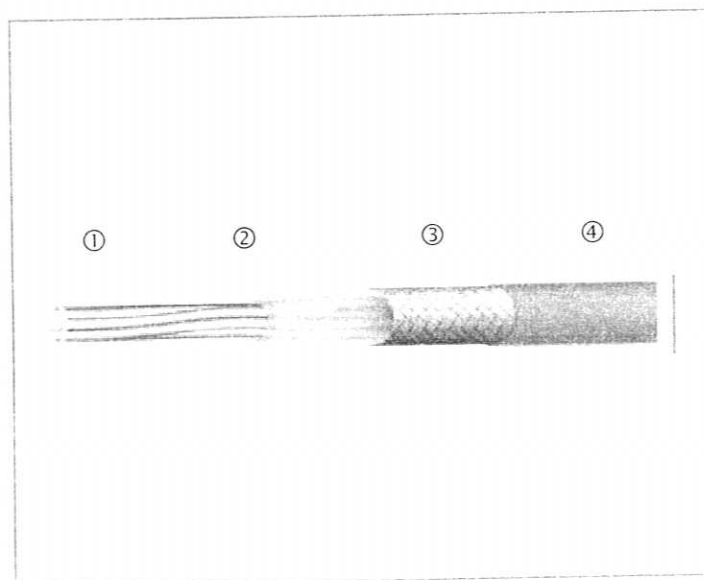
To: NF C93550, MIL C17

### Main characteristics

- Operating temperature: - 40 to +85°C
- Continuous working voltage: 1400 volts
- Maximal operating frequency: 3 GHz
- Good resistance to flame NFC 32070/C2 & CEI 332 -1&2
- Capacitance: 100 ρ 5 pF/m
- Relative velocity of propagation: 65.9 %
- Characteristic impedance at 200 MHz: 50 ρ 2 :
- Attenuation
  - at 200 MHz : 23 dB/100 m
  - at 400 MHz : 32 dB/100 m
  - at 3000 MHz : 98 dB/100 m
- Dielectric withstanding at 50 Hz: 5 kV
- Nominal weight: 36 kg/km

### Application

High frequency connections.







## MULTICOAXIAL 26 X URM 43 CABLE 50 Ω

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### Main characteristics

- Operating temperature: - 40 to +85°C
- Flame resistance according to: CEI 332 -1
- Nominal capacitance: 108 pF/m
- Nominal propagation velocity : 65.9 %
- Characteristic impedance at 200 MHz:  $50 \pm 2 \Omega$
- Attenuation at 200 MHz:  $\leq 20.7$  dB/100 m
- Test Voltage: 1500 V<sub>AC</sub> / 1min
- DC kV : 21
- RF kV : 2,6 peak
- Pulse kV : 5,2 peak
- Minimum bending radius = 180 mm

### PRODUCT REFERENCE

FILOTEX Ref: 2PH 102

### CONSTRUCTION

#### 1- CONDUCTOR:

Bare copper  $\varnothing = 0.90$  mm

#### DIELECTRIC:

Solid Polyethylene

$\varnothing = 3.02$  mm

#### SCREEN:

Single braid bare copper

#### JACKET:

PVC

$\varnothing = 5.00$  mm

2- Polyester tape

3- PVC Jacket  $\varnothing = 30.60$  mm

