



Filotex®

## RG 213 U COAXIAL 50 W 85°C Polyethylene

To: MIL C17

### Main characteristics

- ❑ Operating temperature: - 40 to +85°C
- ❑ Continuous working voltage: 3700 volts
- ❑ Maximal operating frequency: 3 GHz
- ❑ Good resistance to flame NFC 32070/C2 & CEI 332 -1&2
- ❑ Capacitance:  $100 \pm 5$  pF/m
- ❑ Relative velocity of propagation: 65.9 %
- ❑ Characteristic impedance at 200 MHz:  $50 \pm 2 \Omega$
- ❑ Attenuation
  - at 10 MHz: 2 dB/100 m
  - at 200 MHz: 9.5 dB/100 m
  - at 400 MHz: 14.5 dB/100 m
  - at 3000 MHz: 55 dB/100 m
- ❑ Dielectric withstanding at 50 Hz: 5 kV
- ❑ Nominal weight: 158 kg/km

### PRODUCT REFERENCE

FILOTEX Ref:

**RG 213 U**  
**(ET 087023 / ET 373099)**

### CONSTRUCTION

#### 1- CONDUCTOR:

Stranded 7x0.75  
Bare copper  
 $\varnothing = 2.25$  mm

#### 2- DIELECTRIC:

Solid Polyethylene  
 $\varnothing = 7.25$  mm  $\pm 0.15$

#### 3- SCREEN:

Single braid  
Bare copper

#### 4- JACKET:

PVC  
 $\varnothing = 10.30$  mm  $\pm 0.20$

### Application

High frequency connections.

