



Filotex[®]

RG 213 U COAXIAL 50 W 85°C Polyethylene

PRODUCT REFERENCE

FILOTEX Ref:

RG 213 U
(ET 087023 / ET 373099)

CONSTRUCTION

1- CONDUCTOR:

Stranded 7x0.75
Bare copper
Ø = 2.25 mm

2- DIELECTRIC:

Solid Polyethylene
Ø = 7.25 mm ± 0.15

3- SCREEN:

Single braid
Bare copper

4- JACKET:

PVC
Ø = 10.30 mm ± 0.20

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 ± 5 pF/m
- ❑ Relative velocity of propagation: 65.9 %
- ❑ Characteristic impedance at 200 MHz: 50 ± 2 Ω
- ❑ 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

Application

High frequency connections.

