

Filotex®

RG 213 U COAXIAL 50 W 85°C Polyethylene

PRODUCT REFERENCE

FILOTEX Ref:

RG 213 U (ET 087023 / ET 373099) To: MIL C17

Main characteristics

□ Operating temperature: - 40 to +85°C
□ Continuous working voltage: 3700 volts
□ Maximal appearation for warming 2 CUs

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 %

 \Box Characteristic impedance at 200 MHz: 50 \pm 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

CONSTRUCTION

1- CONDUCTOR: Stranded 7x0.75 Bare copper $\emptyset = 2.25 \text{ mm}$

2- DIELECTRIC: Solid Polyethylene $\emptyset = 7.25 \text{ mm} \pm 0.15$

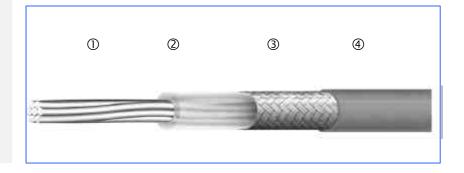
3- SCREEN: Single braid Bare copper

4- JACKET: PVC

 $\emptyset = 10.30 \text{ mm} \pm 0.20$

Application

High frequency connections.



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