



RG58 C/U SH Coaxial 50 Ω

Filotex®

PRODUCT REFERENCE

FILOTEx Ref : **2PE 373**

CONSTRUCTION

- ① CONDUCTOR
19 x 0.20 mm tinned copper
(0.60mm²/AWG20)
- ② DIELECTRIC : Polyolefine
 $\varnothing = 2.95 \pm 0.10$ mm
- ③ SHIELD
Braid of tinned copper
0.12mm
- ④ POLYESTER SEPARATOR TAPE
- ⑤ JACKET : Halogen free
 $\varnothing = 4.95 \pm 0.10$ mm

Application:

- ❑ This coax is designed for high frequency connections, transmitters, receivers, radars (up to 400MHz)

Main Characteristics

- ❑ Approximate weight : 40g/m
- ❑ Operating temperature : -25°C to +75°C

Color code

- ❑ Item 2 : natural
- ❑ Item 4 : to be defined

Electrical values

- ❑ Impedance : $50 \pm 2 \Omega$ at 200 MHz
- ❑ Capacitance : 106 pF/m
- ❑ Linear resistance $\leq 40.92 \Omega/\text{Km}$ @ 20°C
- ❑ Propagation velocity : 65.9%
- ❑ Attenuation $\leq 13.20 \text{ dB}/100\text{m}$ at 50MHz
 $\leq 56.10 \text{ dB}/100\text{m}$ at 400MHz

