

### PRODUCT REFERENCES

FILOTEX ref. : **ET 124 380**

### Main applications

- High frequency interconnections between racks in telecommunication equipments.

### Main characteristics

- Voltage rating : 1400 Volts (RMS)
- Peak temperature : 200 °C
- Operating frequency : up to 3 Ghz
- Dimensions and high frequency characteristics : see table hereunder

FILOTEX PART NUMBER	CONDUCTOR		INSULATION	SHIELD		JACKET
	composition	Ø	diameter	number	nature	diameter
RG 142 (124380)	1x0.95 mm	0.95 mm	2.95 mm	2	SPC	4.95 ± 0.13 mm

### Electrical values

FILOTEX PART NUMBER	CAPACITANCE	IMPEDANCE	Relative Velocity of Propagation	ATIENUATION at 900 Mhz	ATIENUATION at 1800 Mhz
RG 142 (124380)	95 pF/m	50 ± 2 Ω	69.50%	0.4 dB/m	0.6 dB/m

### Physical properties

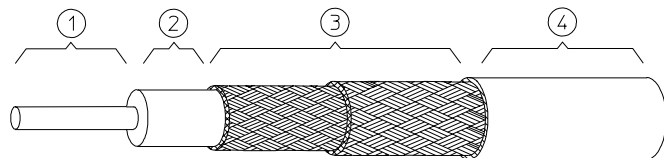
- Very good resistance to solvents
- Very good resistance to soldering operations

### CONSTITUTION

#### Flexible double braid PTFE coaxial cable

- ① **CONDUCTOR**  
Solid silver plated copper covered steel
- ② **INSULATION**  
Extruded PTFE
- ③ **SHIELD**  
Double braid of silver plated copper
- ④ **JACKET**  
Brown FEP

### RG 142 DOUBLE BRAID



Information subject to change without notice.