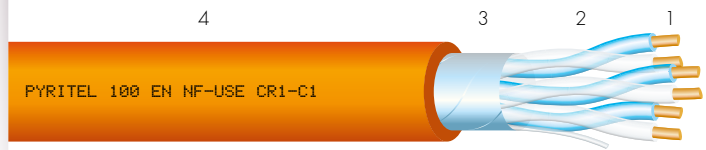


FIRE RESISTANT
SAFETY CABLES

PYRITEL® 100 EN CR1-C1



- 1 • Solid bare copper core Ø 0.9 mm.
- 2 • E12 fire-resistant elastomer insulation.
- 3 • Electrical shielding: metallic tape + continuity wire.
- 4 • Outer sheath in halogen-free flame-retardant polyolefine (T) or in E12 fire-resistant elastomer (E).

Approvals - standards

- Fire-resistant as per NF C 32-070 CR1 test.
- Fire-resistant as per IEC 60331-21, 90 minutes.
 - Fire retardant as per NF C 32-070 test C1, IEC 60332-3-22 and IEC 60332-3-24.
- Flame retardant as per NF C 32-070 test C2 and IEC 60332-1-2.
 - Halogen free as per IEC 60754-1.
- No smoke corrosiveness as per IEC 60754-2.
 - Low smoke opacity as per IEC 61034-2.
- Accepted to the NF-USE certification mark as per standards NF C 32-070 and NF C 32-310.

Applications

- Fire safety circuits in public-access or high-rise buildings.

Options

- Individual and general shielding: reference SILIFLAM 500 TEL EI/EG.

PYRITEL 100 EN cables will be installed in compliance with the regulations and the installation standard in force (NFC 15-100). Special arrangements must be made based on outside influences.

In particular, in an unsheltered outside installation, these cables must be protected from weather conditions and direct sunlight by being run in sleeveings, wireway or cowl.

PYRITEL 100 EN cables are not designed to be buried or for permanent or temporary immersion.

Characteristics

General

- Rated voltage: 100/170 V.
- Maximum core temperature: +90 °C.
- Minimum bending radius: 10 x diameter.

Standard products

- Outer sheath: orange.

Conductor*			Sheath*		
Number of pairs	Cross-sections (mm²)	Radial thickness	Outside diameter (mm)	Type	Colour
1	0.636	0.5	5.0 8.0	T	
2(1)	0.636	0.5	7.0 11.0	T	
3	0.636	0.5	7.5 11.5	T	
5	0.636	0.5	9.0 14.0	T	
7(2)	0.636	0.5	11.0 16.0	E	
10(2)	0.636	0.5	13.0 18.0	E	
15(2)	0.636	0.5	16.5 21.5	E	
21(2)	0.636	0.5	19.0 24.5	E	
30(3)	0.636	0.5	23.5 29.0	E	
42(3)	0.636	0.5	29.0 35.5	E	
56(3)	0.636	0.5	35.0 42.0	E	

Colour of conductors*

Number of pairs	Conductor 1	Conductor 2
1	White	Blue
2 to 5	White + no.	Blue + no.
7 to 56	White + no.	Blue or two-colour pair

* Nominal values.

(1) Assembled as a quad

(2) Ref. SILIFLAM 500 TEL

(3) Ref. PYRITEL

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The information provided in this technical data sheet is indicative and may be modified without prior notice, laying, wiring and electrical conditions and the environment of the cable can not be fully considered in our studies. In no way the company OMERIN shall be held responsible for any incidents in the case of inappropriate uses, particularly in the case of wiring conditions that do not respect the good practice and the standards in force.

For an optimum use of the cables produced by our company, we recommend testing in real conditions. Our sales department is available for a possible provision of samples, and/or for the conditions of a complete study in our laboratories.

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