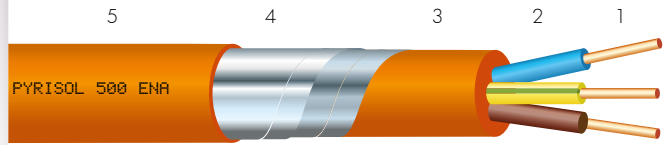


FIRE RESISTANT
SAFETY CABLES

PYRISOL® 500 ENA CR1-C1



- 1 • Solid or stranded bare copper core, class 1 or 2 as per IEC 60228.
- 2 • EI2 fire-resistant elastomer insulation.
- 3 • Inner sheath in halogen-free flame-retardant polyolefine.
- 4 • Double steel tape.
- 5 • Outer sheath in halogen-free flame-retardant polyolefine.

Approvals - standards

- Fire-resistant as per NF C 32-070 CR1 test (voltage 300/500 V).
- 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.

Characteristics General

- Rated voltage: 300/500 V.
- Maximum core temperature: +90 °C.
- Minimum bending radius: 20 x diameter.

Standard products

- Outer sheath: orange.

Applications

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

PYRISOL 500 ENA cables 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.

PYRISOL 500 ENA cables are not designed to be buried or for permanent or temporary immersion.

Conducting core/sheath*

Cross-section (mm²)	Outside diameter (mm)
2 x 1.5	9.7
3 x 1.5	10.2
4 x 1.5	11.1
5 x 1.5	12.3
2 x 2.5	11.0
3 x 2.5	11.5
4 x 2.5	13.2
5 x 2.5	14.0
2 x 4	12.4
3 x 4	13.0
4 x 4	14.4
5 x 4	16.0
2 x 6	15.2
3 x 6	15.8
4 x 6	17.1
5 x 6	19.8
2 x 10	18.6
3 x 10	19.4
4 x 10	21.1
5 x 10	23.4
2 x 16	20.4
3 x 16	21.5
4 x 16	23.9
5 x 16	26.1
2 x 25	23.4
3 x 25	24.9
4 x 25	27.5
5 x 25	30.4

Conducting core/sheath*

Cross-section (mm²)	Outside diameter (mm)
2 x 35	26.2
3 x 35	27.7
4 x 35	30.4
5 x 35	33.5
2 x 50	30.6
3 x 50	32.0
4 x 50	35.1
5 x 50	40.0
2 x 70	35.2
3 x 70	34.7
2 x 95	37.6
1 x 6	9.1
1 x 10	11.7
1 x 16	12.9
1 x 25	14.2
1 x 35	15.8
1 x 50	17.4
1 x 70	19.0
1 x 95	21.3
1 x 120	23.3
1 x 150	25.2
1 x 185	27.7
1 x 240	31.3
1 x 300	34.4

Multi-conductor cables with an earth wire are identified by the symbol G in the place of the "x" (ex: 3G 1.5 mm²).

* Nominal values.

OMERIN division silisol

BP 87 - ZI du Devey - F 42000 Saint-Etienne
Tel. +33 (0)4 77 81 36 00 - Fax +33 (0)4 77 81 31 82
silisol@omerin.com

www.omerin.com

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