PYRITEL® 100 BEL

1 • Solid bare copper core Ø 0.9 mm.
Massieve kern in blank koper Ø 0.9 mm.
2 • EI2 fire-resistant elastomer insulation.
Vuurbestendige elastomeer isolatie (EI2).
3 • Electrical shielding: metallic tape + continuity wire.
Afscherming : metalen band + massadraad.
4 • Outer sheath in halogen-free flame-retardant polyolefine.
Halogeenvrije, brandwerende polyolefine buitenmantel.

Approvals - standards

• Compliant with standard NBN C 30-004:
> F1: Flame retardant (NBN EN 60332-1-2).
> F2: Fire retardant (NBN EN 50266-2-4).
> SD: Smoke density (NBN EN 61034).
> SA: Gas acidity (NBN EN 60754-2).
> FR1: Fire resistant (NBN EN 50200/NBN EN 250362).
> FR2: Fire-resistant (NBN 713-020/A3).
• Range approved by the Belgian Fire Safety Institute (ISIB).

Goedkeuringen / Normen

• Conform de norm NBN C 30-004 :
> F1: Niet vlamverspreidend (NBN EN 60332-1-2).
> F2: Niet brandverspreidend (NBN EN 50266-2-4).
> SD: Dichtheid van de rook (NBN EN 61034).
> SA : Zuurheid van de gassen (NBN EN 60754-2).
> FR1: Vuurbestendig (NBN EN 50200 / NBN EN 50362).
> FR2: Vuurbestendig (NBN 713-020/A3).
• Gamma goedgekeurd door het Instituut voor Brandveiligheid (ISIB).

Applications

• Vital circuits as per the Royal decree of 25 April 2013.

Toepassingen

• Vitale stroombanen volgens het koninklijk besluit van 25 april 2013.

Markings

OMERIN – PYRITEL 100 BEL 100/170V <cross-section> NBN C 30-004 F1 F2 SD SA FR1 FR2

Markering

OMERIN – PYRITEL 100 BEL 100/170V <doorsnede> NBN C 30-004 F1 F2 SD SA FR1 FR2

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 sleevings, wireway or cowl. PYRITEL 100 BEL cables are not designed to be buried or for permanent or temporary immersion.

Characteristics

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

Eigenschappen

• Toegekende spanning : 100/170 V.
• Maximale temperatuur van de kern : +90°C.
• Minimale buigingstraal : 10 x buitendiameter.

Standard products

• Outer sheath: orange.

Standaard produkties

• Buitenmantel : oranje.

Number of pairs *Aantal paren*	Nominal core diameter *Nominale diameter kern*		Nominal outside diameter *Nominale buitendiameter*
1	0.9	Rf 90	6.0
2 (1)	0.9	Rf 90	7.3
3	0.9	Rf 90	10.0
5	0.9	Rf 90	12.4

Colour of conductors
Kleuren van de geleiders

Number of pairs *Aantal paren*	Conductor 1 *Geleider 1*	Conductor 2 *Geleider 2*
1	White *Wit*	Blue *Blauw*
2 to/*tot* 5	White + no. *Wit + nr*	Blue + no. *Blauw + nr*

(1) Assembled as a quad
Samengeslagen als een kwart

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LES CABLES DE L'EXTREME

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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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