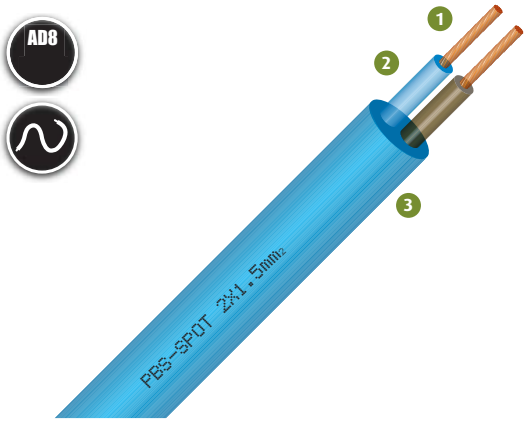
PBS-SPOT



1. ***Flexible bare copper core class 5 - IEC 60228***
2. ***Insulation: compound HT 105***
   Plain or two-tone colours or numbering
3. ***Sheath: special compound***
   Standard colours: blue RAL 5012, black

Characteristics

- Operating temperature:
  - outdoor fixed installation: -40°C to +70°C
  - outdoor flexible installation: -25°C to +70°C
  - underwater fixed installation: +50°C
- Rated voltage:
  - fixed installation: 0.6/1 kV
  - flexible installation: 450/750 V
- Test voltage: 2500 V
- Permanent immersion AD8 according to NF C 15-100
- Depth of immersion: 100 m - 10 bars
- Resistance per unit length at 20°C according to IEC 60228
- Resistance to chlorinated substances (swimming pool water): 10 ppm mini

PBS-SPOT

Nominal cross-section (mm^2)	Nominal composition	Diameter of insulated conductors (mm)	Nominal external diameter (mm)	Approximate linear weight (kg/km)
2 x 0.75	24 x 0.190	2.3	6.9	65
2 x 1.5	28 x 0.245	3.0	9.2	105
2 x 2.5	47 x 0.245	3.6	10.9	160
2 x 4	56 x 0.290	4.3	12.0	200
2 x 6	80 x 0.290	4.8	13.8	270

PBS-SPOT PE

Nominal cross-section (mm^2)	Nominal composition	Diameter of insulated conductors (mm)	Nominal external diameter (mm)	Approximate linear weight (kg/km)
6 x 0.25	14 x 0.15	1.2	5.6	48
8 x 0.25	14 x 0.15	1.2	5.6	55
8 x 0.34	7 x 0.25	1.5	7.6	73
2 x 0.75	24 x 0.19	2.1	5.6	57
4 x 0.75	24 x 0.19	2.1	7.1	101

Marking

PBS-SPOT *section* mm^2 - IMMERSION
PERMANENTE NF C 15-100 AD8

Certifications - Standards

- NF C 15-100, IEC 60228, NF C 32-070, IEC 60332-1
- Certification AD8 by Bureau Veritas according to NF C 32-102-16 A-B

Packaging

Coils. Reels. Drums.

Options

- Flexible tin plated copper core: contact us
- Other cross-sections, or hybrid sections : contact us
- High temperature sheath, ref PBS-SPOT HT : contact us
- Polyethylene insulation and tinned copper core, ref PBS-SPOT PE : see table.

Applications

Perfectly waterproof in chlorinated water, PBS-SPOT completely meets the requirements of swimming pool professionals. This range of cables is especially designed for the power supply of lighting systems (spotlight, LED, halogen).

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