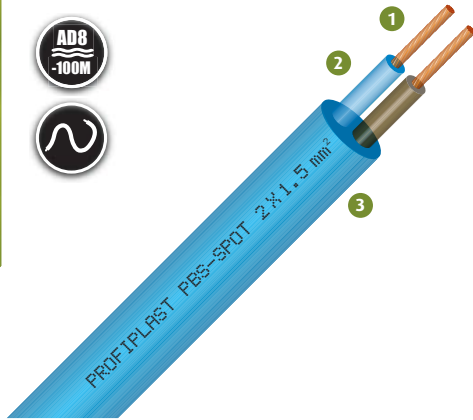


PBS-SPOT



- 1 Flexible bare copper core class 5 - IEC 60228
- 2 Insulation: isovinyl HT 105
Plain or two-tone colours or numbering
- 3 Sheath: PROFIPRENE
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 (mm²)	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

Marking

PROFIPLAST PBS-SPOT section mm² -
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, PROFIPLAST® 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).

PBS-SPOT PE

Nominal cross-section (mm²)	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