

Power/signal cable

Type 4026



Construction characteristics

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| Conductor (center) | 1.50 mm ² bare copper conductor IEC 60228 class 5 insulated with HDPE Nominal wall thickness 0,70 mm, nominal diameter 2,95 mm Colours: blue, red, yellow, white (4 each) |
| Tape | Protective polyester |
| Inner sheath | SEBS TPR, nominal wall thickness 2,10 mm. Nominal diameter 11,35 mm |
| Shielded twisted pair | 0.50 mm ² bare copper conductor IEC 60228 class 5 insulated with HDPE Nominal wall thickness 0.43 mm, nominal diameter 1.75 mm 2 conductors twisted together white-blue with a polyester tape, tinned copper drain wire 7 x 0.3 and aluminium/polyester tape Polyethylene sheath, nominal thickness 0.30 mm, nominal diameter 4.35 mm Colour white numbered 1-11, (11 ea) |
| Filling compound | Silicone filling compound |
| Outer jacket | Hydrolysis UV resistant Polyurethane. Nominal wall thickness 1.70 mm. Colour black |

Mechanical characteristics

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| Diameter | 23.50 mm |
| Weight in air | 698 kg/km |
| Weight in seawater | 253 kg/km |
| Weight in fresh water | 265 kg/km |
| Min. bending radius, static | 118 mm |
| Min. bending radius, dynamic | 235 mm |
| Operating temperature range | -30°C - +80°C |

Electrical characteristics

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| Operating voltage | 600 V for 0.50 mm ² conductor 1,000 V for 1.50 mm ² conductor |
| Conductor resistance | < 39.00 Ω/km at 20°C for 0.50 mm ² conductor < 13.30 Ω/km at 20°C for 1.50 mm ² conductor |