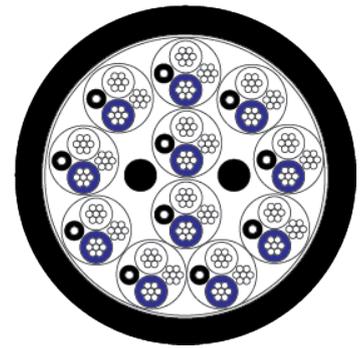


# Data cable

## Type 4022



### Construction characteristics

<b>Shielded twisted pair</b>	0.50 mm <sup>2</sup> bare copper conductor IEC 60228 class 5 insulated with HDPE Nominal wall thickness 0.43 mm, nominal diameter 1.75 mm 2 conductors (white-blue) twisted together with a polyester tape, tinned copper drain wire 7 x 0.3 mm and aluminium/polyester tape Polyethylene sheath nominal wall thickness 0.30 mm, nominal diameter 4.35 mm Colour white numbered 1-11 (11 each)
<b>Filler</b>	2 each
<b>Filling compound</b>	Silicone water blocking compound
<b>Outer jacket</b>	Hydrolysis UV resistant polyurethane jacket. Nominal wall thickness 1.55 mm Colour black

### Mechanical characteristics

<b>Diameter</b>	21.20 mm ± 0.60 mm
<b>Weight in air</b>	507 kg/km
<b>Weight in seawater</b>	145 kg/km nom
<b>Weight in fresh water</b>	154 kg/km nom
<b>Min. bending radius, static</b>	106 mm
<b>Min. bending radius, dynamic</b>	212 mm
<b>Depth rating</b>	6,000 m
<b>Operating temperature range</b>	-30°C - +80°C

### Electrical characteristics

<b>Conductor resistance</b>	< 39.0 Ω/km at 20°C for 0.50 mm <sup>2</sup> conductor
<b>Operating voltage</b>	600 V for 0.50 mm <sup>2</sup> conductor
<b>Test voltage</b>	3,500 Vac (cond – cond) 3,500 Vac (cond – shield)
<b>Capacitance (calculated)</b>	75 ±5 pF/m
<b>Impedance (calculated)</b>	72 ±5 Ω
<b>Attenuation (calculated)</b>	< 28 dB/km at 1 MHz