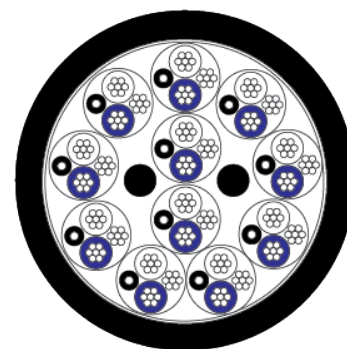


Data cable Type 4022



Construction characteristics

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 (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)
Filler	2 each
Filling compound	Silicone water blocking compound
Outer jacket	Hydrolysis UV resistant polyurethane jacket. Nominal wall thickness 1.55 mm Colour black

Mechanical characteristics

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

Electrical characteristics

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