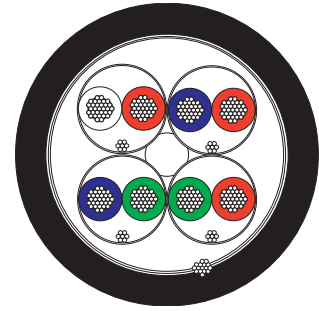


Data cable, 4 STP Type 4588



Construction characteristics

Centre filler	Textile filler
Shielded twisted pair	1.00 mm ² bare copper conductor insulated with PE. 2 conductors twisted together with a tinned copper drain wire and aluminium/polyester foil (4 each)
Filling compound	The cable is filled with cable filling compound
Shield	Aluminium/polyester foil and tinned copper drain wire, coverage 100%
Outer jacket	Polyurethane jacket. Colour black
Halogen free	Acc. to IEC 60754

Mechanical characteristics

Diameter	14.00 mm ±0.50 mm
Weight in air	240 kg/km nom
Weight in seawater	75 kg/km nom
Min. bending radius, static	90 mm
Min. bending radius, dynamic	150 mm
Depth rating	3,000 m

Electrical characteristics

Operating voltage	600 V
Test voltage	4,000 V DC for 1 min (cond. - cond.) 3,000 V DC for 1 min (cond. - shield) 500 V DC for 1 min (shield - shield)
Conductor resistance	≤ 20.0 Ω/km
Insulation resistance	≥ 100 MΩ×100 m (shield - shield)
Capacitance	100 pF/m
Inductance	240 μH/Km
Impedance	54 ±5 Ω at 1-10 MHz
Attenuation	5.5 dB/100 m at 1 MHz 14.0 dB/100 m at 10 MHz