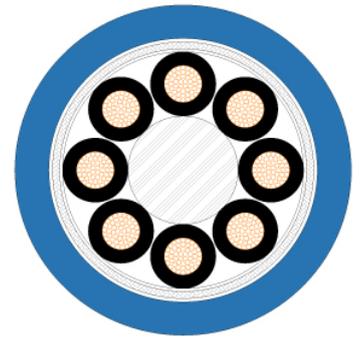


Power/signal cable

Type 50081/C



Construction characteristics

Conductor	1.00 mm ² (18 AWG) stranded bare copper conductor (19x0.25 mm) - Unilay, insulated with XLPE. Nominal OD 2.2 mm, black with white numbers 1-8 (8 each)
Filler	Fillers where needed for roundness
Tape	Binder tapes
Screen	Tinned copper braid, coverage ≥ 85%
Tape	Waterblocking tape
Outer jacket	Polyurethane jacket. Colour blue glossy finish Nominal thickness 1.0 mm
European directives	2002/95/CE (RoHS – Reduction of Hazardous Substances) and 2002/96/CE (WEEE – Waste from Electronic Equipment)

Mechanical characteristics

Diameter	11.30 mm ±0.40 mm
Weight in air	211 kg/km
Weight in seawater	111 kg/km
Min. bending radius, static	113 mm
Min. bending radius, dynamic	170 mm
Depth rating	6,000 m
Operating temperature range	-40°C - +80°C

Electrical characteristics

Operating voltage	600 V
Test voltage	3,500 V VAC x 1 min