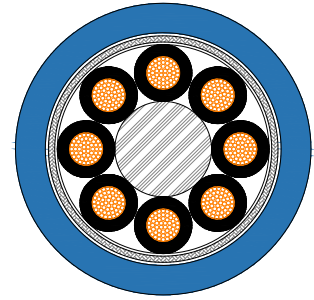


# Data cable Type 50081



## Construction characteristics

Conductor	1.00 mm <sup>2</sup> stranded bare copper conductor, IEC 60228 class 6 or equivalent, insulated with Polyolefin. 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 Marking on cable: Data cable type 50081 /08mmyy
European directives	2002/95/CE (RoHS – Reduction of Hazardous Substances) and 2002/96/CE (WEEE – Waste from Electronic Equipment)

## Mechanical characteristics

Outer diameter	11.3 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

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