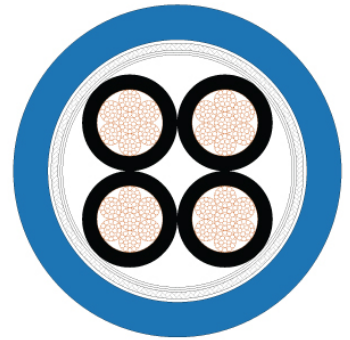


# Power/signal cable

## Type 50041/B



### Construction characteristics

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<b>Conductor</b>	1.65 mm <sup>2</sup> (15 AWG) stranded bare copper conductor (37x0.25 mm) – Unilay insulated with Polyolefin Nominal OD 2.7 mm, black with white numbers 1-4 (4 each)
<b>Filler</b>	Fillers where needed for roundness
<b>Tape</b>	Binder tapes
<b>Screen</b>	Tinned copper braid, coverage ≥ 85%
<b>Tape</b>	Waterblocking tape
<b>Outer jacket</b>	Polyurethane jacket. Colour blue glossy finish Nominal thickness 1.05 mm
<b>European directives</b>	2002/95/CE (RoHS – Reduction of Hazardous Substances) and 2002/96/CE (WEEE – Waste from Electronic Equipment)

### Mechanical characteristics

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<b>Diameter</b>	9.90 mm ±0.30 mm
<b>Weight in air</b>	165 kg/km
<b>Weight in seawater</b>	82.2 kg/km
<b>Min. bending radius, static</b>	99 mm
<b>Min. bending radius, dynamic</b>	149 mm
<b>Depth rating</b>	6,000 m
<b>Operating temperature range</b>	-40°C - +80°C

### Electrical characteristics

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<b>Operating voltage</b>	600 V
<b>Test voltage</b>	3,500 V VAC x 1 min