

# Power/signal cable

## Type 5122/C



### Construction characteristics

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<b>Conductor</b>	1.50 mm <sup>2</sup> bare copper conductor (IEC 60228 Class 5) insulated with XLPE compound (12 each) Colour black, white, red, green, orange, blue, white/black, red/black, green/black, orange/black, blue/black, black/white
<b>Shield</b>	Tinned copper braid, coverage 90%
<b>Tape</b>	Non-woven binder tape
<b>Outer jacket</b>	UV resistant polyurethane jacket. Colour black
<b>Halogen free</b>	Acc. to IEC 60754 and EN 50267-2-2

### Mechanical characteristics

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<b>Diameter</b>	12.50 mm ±0.30 mm
<b>Weight in air</b>	324 kg/km nom
<b>Weight in seawater</b>	186 kg/km nom
<b>Min. bending radius, static</b>	160 mm
<b>Min. bending radius, dynamic</b>	200 mm
<b>Depth rating</b>	3,000 m

### Electrical characteristics

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<b>Operating voltage</b>	480 V
<b>Test voltage</b>	3,000 V DC for 1 min
<b>Conductor resistance</b>	≤ 13.3 Ω/km
<b>Insulation resistance</b>	≥ 1 GΩ×km