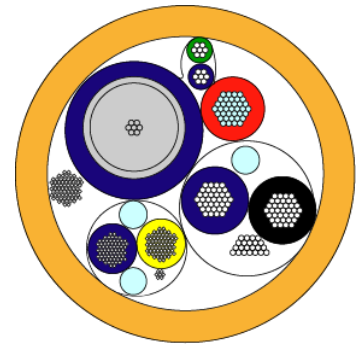


# Coax hybrid cable Type 6011



## Construction characteristics

<b>Coax</b>	75 Ω coax (1 each)
<b>Conductor</b>	1.34 mm <sup>2</sup> bare copper conductor insulated with PE (1 each)
<b>Shielded twisted pair</b>	0.50 mm <sup>2</sup> bare copper conductor insulated with PE 2 conductors twisted together with a tinned copper drain wire and aluminium/polyester foil (1 each)
<b>Shielded twisted pair</b>	1.34 mm <sup>2</sup> bare copper conductor insulated with PE 2 conductors twisted together with a tinned copper drain wire and aluminium/polyester foil (1 each)
<b>Twisted pair</b>	0.22 mm <sup>2</sup> tinned copper conductor insulated with PE 2 conductors twisted together (1 each)
<b>Filling compound</b>	The cable is filled with cable filling compound
<b>Shield</b>	Aluminium/polyester foil and tinned copper drain wire, coverage 100%
<b>Outer jacket</b>	Polyurethane jacket. Colour orange
<b>Halogen free</b>	Acc. to IEC 60754

## Mechanical characteristics

<b>Diameter</b>	11.00 mm ±0.50 mm
<b>Weight in air</b>	165 kg/km nom
<b>Weight in seawater</b>	70 kg/km nom
<b>Min. bending radius, static</b>	100 mm
<b>Min. bending radius, dynamic</b>	145 mm
<b>Depth rating</b>	5,000 m

## Electrical characteristics

<b>Operating voltage</b>	600 V for 1.34 mm <sup>2</sup> and 0.50 mm <sup>2</sup> conductor 24 V for 0.22 mm <sup>2</sup> conductor
<b>Conductor resistance</b>	≤ 135.0 Ω/km for coax ≤ 15.3 Ω/km for 1.34 mm <sup>2</sup> conductor ≤ 41.0 Ω/km for 0.50 mm <sup>2</sup> conductor ≤ 96.2 Ω/km for 0.22 mm <sup>2</sup> conductor

<b>Insulation resistance</b>	$\geq 5,000 \text{ M}\Omega \times \text{km}$ for coax, $1.34 \text{ mm}^2$ and $0.22 \text{ mm}^2$ conductor $\geq 10,000 \text{ M}\Omega \times \text{km}$ for $1.34 \text{ mm}^2$ and $0.50 \text{ mm}^2$ conductor (cond - cond) $\geq 100 \text{ M}\Omega \times 100 \text{ m}$ for $1.34 \text{ mm}^2$ and $0.50 \text{ mm}^2$ conductor (cond - shield)
<b>Capacitance</b>	59 pF/m for coax 155 pF/m for $1.34 \text{ mm}^2$ pair 107 pF/m for $0.50 \text{ mm}^2$ pair 57 pF/km for $0.22 \text{ mm}^2$ pair
<b>Attenuation (coax)</b>	5.32 dB/100 m at 10 MHz 17.44 dB/100 m at 100 MHz 67.11 dB/100 m at 1000 MHz