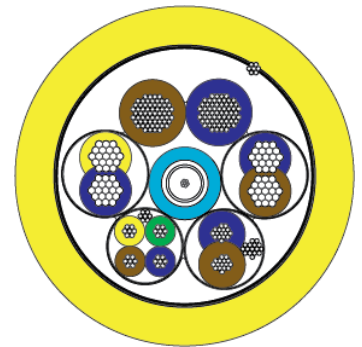


Coax hybrid cable

Type 6013/B



Construction characteristics

Coax	75 Ω coax (1 each)
Conductor	2.00 mm ² bare copper conductor insulated with PE (2 each)
Shielded twisted pair	0.50 mm ² bare copper conductor insulated with PE 2 conductors twisted together with a tinned copper drain wire and aluminium/polyester foil (1 each)
Shielded twisted quad	0.22 mm ² bare copper conductor insulated with PE 4 conductors twisted together with a tinned copper drain wire and aluminium/polyester foil (1 each)
Twisted pair	1.34 mm ² bare copper conductor insulated with PE 2 conductors twisted together (2 each)
Filling compound	The cable is filled with cable filling compound
Shield	Aluminium/polyester foil and tinned copper drain wire, coverage 100%
Outer jacket	Polyurethane jacket. Colour yellow
Halogen free	Acc. to IEC 60754

Mechanical characteristics

Diameter	14.50 mm ±0.40 mm
Weight in air	255 kg/km nom
Weight in seawater	86 kg/km nom
Min. bending radius, static	150 mm
Min. bending radius, dynamic	215 mm
Depth rating	5,000 m

Electrical characteristics

Operating voltage	600 V for 0.50 mm ² , 2.00 mm ² and 1.34 mm ² conductor 24 V for 0.22 mm ² conductor
Conductor resistance	≤ 135 Ω/km for coax ≤ 10.0 Ω/km for 2.00 mm ² conductor ≤ 41.0 Ω/km for 0.50 mm ² conductor ≤ 96.2 Ω/km for 0.22 mm ² conductor ≤ 15.3 Ω/km for 1.34 mm ² conductor

Insulation resistance	$\geq 5,000 \text{ M}\Omega \times \text{km}$ for coax, 2.00 mm^2 conductor and 1.34 mm^2 conductor $\geq 10,000 \text{ M}\Omega \times \text{km}$ for 0.50 mm^2 conductor and 0.22 mm^2 conductor
Capacitance	59 pF/m for coax 80 pF/m for 0.50 mm^2 and 1.34 mm^2 pair 65 pF/m for 0.22 mm^2 quad
Attenuation (coax)	3.79 dB/100 m at 5 MHz 5.32 dB/100 m at 10 MHz 67.11 dB/100 m at 1,000 MHz