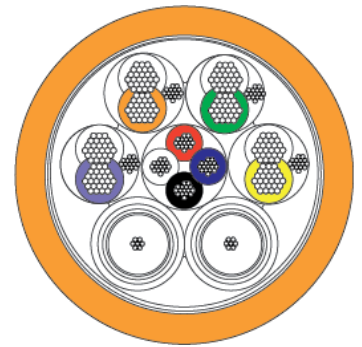


Coax hybrid cable

Type 6120/B



Construction characteristics

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

Mechanical characteristics

Diameter	14.80 mm ±0.20 mm
Weight in air	340 kg/km nom
Weight in seawater	165 kg/km nom
Min. bending radius, static	170 mm
Min. bending radius, dynamic	225 mm
Depth rating	5,000 m

Electrical characteristics

Operating voltage	600 V
Test voltage	1,500 V DC for 1 min. for coax 3,000 V DC for 1 min. for 0.50 mm ² and 1.34 mm ² conductor
Conductor resistance	≤ 89.5 Ω/km for coax ≤ 41.0 Ω/km for 0.50 mm ² conductor ≤ 15.3 Ω/km for 1.34 mm ² conductor
Insulation resistance	≥ 5,000 MΩ×km

Capacitance

56 pF/m for coax
50 pF/m for 0.50 mm² quad
190 pF/m for 1.34 mm² pair

Impedance

37 ±5 Ω at 1-10 MHz for 1.34 mm² pair

Attenuation

3.00 dB/100 m at 5 MHz for coax
4.30 dB/100 m at 10 MHz for coax
44.3 dB/100 m at 1,000 MHz for coax
7.0 dB/100 m at 1 MHz for twisted pair
17.5 dB/100 m at 10 MHz for twisted pair