16OMB6
Hybrid umbilical cable

NOVACAVI
Cables for advanced technology

CONSTRUCTION DETAILS

5X2X0,34 mm²:
~ Tinned copper conductor 7x0,25 mm
~ Polypropylene insulation
~ Cores twisted in pairs
~ Screen of polyester tape, aluminium/polyester tape, tinned copper drain wire, polyester tape
~ Pairs laid up together around central filler
~ Protective polyester tape
~ Hydrolysis resistant PUR sheath
~ HDPE sheath

4X2,50 mm²:
~ Bare copper conductor 48x0,25 mm
~ Polyethylene insulation
~ Cores laid up together with central filler
~ Protective polyester tape
~ Hydrolysis resistant PUR sheath
~ HDPE sheath

2X Hydraulic hoses 1/2”
~ Elements laid up together with PE fillers
~ Protective polyester tape
~ Hydrolysis resistant PUR sheath,
~ LCP fiber braid strength member
~ Hydrolysis resistant PUR outer sheath, colour orange
~ Nominal overall diameter 56,65 mm

ELECTRICAL AND PHYSICAL CHARACTERISTICS

~ Electrical resistance conductors 0,34 mm²	< 56,75 ohm/km @ 20°C
~ Working voltage	250 V
~ Electrical resistance conductors 2,50 mm²	< 7,98 ohm/km @ 20°C
~ Working voltage	600 V
~ Weight in air	2450 kg/km
~ Weight in sea water	-140 kg/km
~ Bending radius static min.	354 mm
~ Bending radius flexing min.	600 mm
~ Max working pressure	210 bar
~ Breaking strength min.	10000 DaN
~ Working temperature	-30/+80 °C

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RoHS REACH COMPLIANT