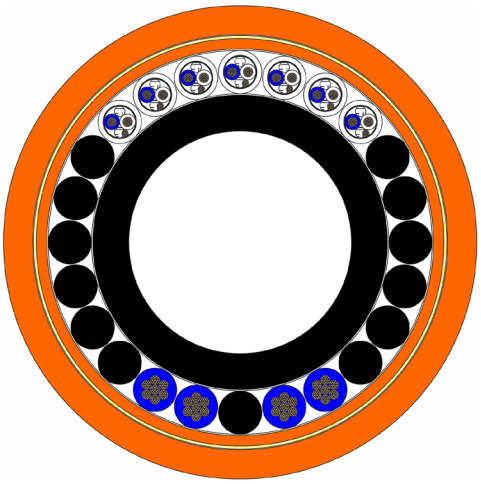
19OMB40
Hybrid umbilical cable

NOVACAVI
Cables for advanced technology

CONSTRUCTION DETAILS



4X6,00 mm²:
~ Bare copper conductor IEC 60228 class 6
~ Polypropylene insulation

7X2X0,75 mm²:
~ Bare copper conductor IEC 60228 class 6
~ Polypropylene insulation
~ Cores twisted in pairs
~ Screen of polyester tape, tinned copper drain wire, aluminium/polyester tape
~ Thermoplastic rubber sheath

Hydraulic hose 1":
~ Protective PTFE tape

~ Elements laid up together with fillers
~ Protective PTFE tape
~ PUR halogen free flame-retardant sheath
~ Strain member of LCP yarn (double spiral)
~ Non woven tape
~ PUR halogen free flame-retardant outer sheath, colour orange
~ Nominal overall diameter 54,00 mm

ELECTRICAL AND PHYSICAL CHARACTERISTICS

~ Electrical resistance conductors 6,00 mm²	< 3,30 ohm/km @ 20°C
~ Electrical resistance conductors 0,75 mm²	< 26,00 ohm/km @ 20°C
~ Working voltage 6,00 mm²	0,6/1 kV
~ Working voltage 0,75 mm²	300/300 V
~ Hose working pressure	70 bar
~ Weight in air nom.	1973 kg/km
~ Weight in fresh water nom.	-317 kg/km
~ Weight in sea water nom. (s.g. 1,026)	-377 kg/km
~ Breaking strength	6000 kg
~ Working load max.	1500 kg
~ Recommended static bending radius min.	270 mm
~ Recommended dynamic bending radius min.	540 mm
~ Working temperature	-30/+80°C

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RoHS REACH COMPLIANT