

# 26OMB38

## Hybrid umbilical cable



### CONSTRUCTION DETAILS

#### 4X4xF.O. 62.5/125:

- ~ Fiber optic in stainless steel tube
- ~ Polyethylene sheath

#### 4x1,00mm<sup>2</sup>

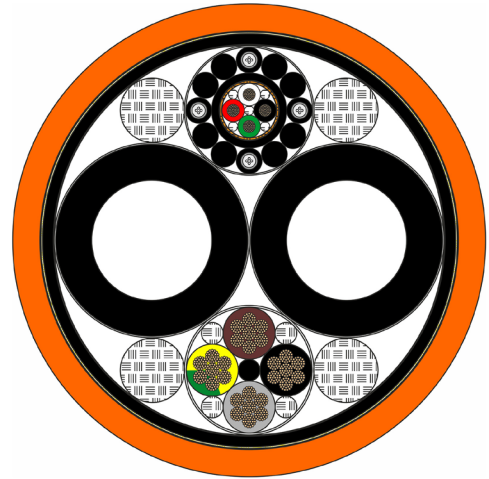
- ~ Bare copper conductor IEC 60228 class 6
- ~ Polypropylene insulation
- ~ Cores laid up together with fillers
- ~ Protective polyester tape
- ~ Tinned copper braid overall shield
- ~ Non-woven tape
- ~ Thermoplastic rubber sheath

#### 4X10,00 mm<sup>2</sup>:

- ~ Bare copper conductor IEC 60228 class 6
- ~ Polypropylene insulation
- ~ Cores laid up together with fillers
- ~ PTFE tape

#### 2X Hydraulic hoses 1/2":

- ~ PTFE tape
- ~ Elements laid up together
- ~ PTFE tape
- ~ PUR halogen free flame retardant sheath
- ~ LCP yarn braid strength member
- ~ Non-woven tape
- ~ PUR halogen free flame retardant outer sheath, colour orange
- ~ Nominal overall diameter 50,00 mm



### ELECTRICAL AND PHYSICAL CHARACTERISTICS

~ Hoses working pressure	140 bar
~ Optical attenuation @ 850 nm	< 3,5 dB/km
~ Optical attenuation @ 1300 nm	< 1,5 dB/km
~ Electrical resistance conductors 1,00 mm <sup>2</sup>	< 19,50 ohm/km @ 20°C
~ Electrical resistance conductors 10,00 mm <sup>2</sup>	< 1,91 ohm/km @ 20°C
~ Working voltage 1,00 mm <sup>2</sup>	0,6/1 kV
~ Working voltage 10,00 mm <sup>2</sup>	0,6/1 kV
~ Weight in air nom.	2109 kg/km
~ Weight in fresh water nom.	146 kg/km
~ Weight in sea water nom.	95 kg/km
~ Breaking strength	30 kN
~ Recommended static bending radius min.	250 mm
~ Recommended dynamic bending radius min.	500 mm
~ Working temperature	-30/+80°C

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