

270MB24

Hybrid umbilical cable



CONSTRUCTION DETAILS

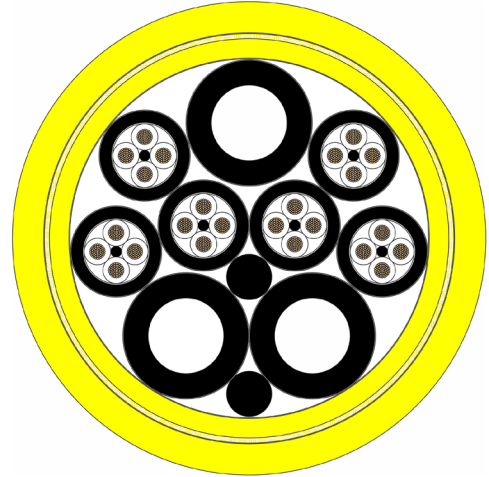
3X Hydraulic hoses 3/8":

- ~ Protective PTFE tape

6X4X2,50 mm²:

- ~ Bare copper conductor IEC 60228 Class 5
- ~ Cross-linked polyethylene insulation
- ~ Cores twisted in quads
- ~ Protective PTFE tape
- ~ Hydrolysis UV resistant PUR sheath
- ~ Protective PTFE tape

- ~ Elements laid up together with fillers
- ~ Protective PTFE tape
- ~ Hydrolysis UV resistant PUR sheath
- ~ Double spiral contra-helical LCP strength member
- ~ Protective non woven tape
- ~ Hydrolysis UV resistant PUR outer sheath, colour yellow
- ~ Nominal overall diameter 60,70 mm



ELECTRICAL AND PHYSICAL CHARACTERISTICS

~ Electrical resistance conductors 2,50 mm ²	< 7,98 ohm/km @ 20°C
~ Working voltage 2,50 mm ²	0,6/1 kV
~ Weight in air nom.	3262 kg/km
~ Weight in fresh water nom.	368 kg/km
~ Weight in sea water nom. (s.g. 1,026)	293 kg/km
~ Breaking strength	9000 kg
~ Working load max.	2200 kg
~ Recommended static bending radius min.	305 mm
~ Recommended dynamic bending radius min.	610 mm
~ Working temperature	-30/+80°C

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