

350MB22

Hybrid umbilical cable



CONSTRUCTION DETAILS

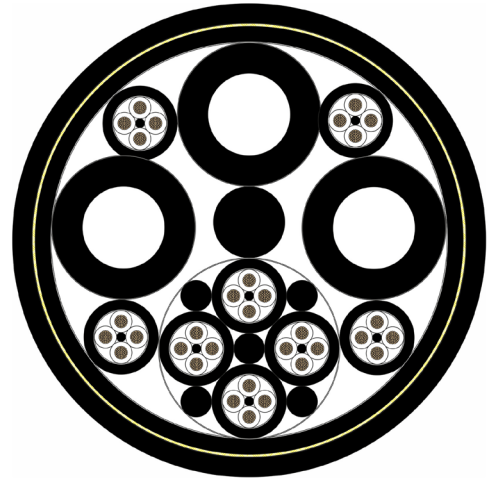
3 hydraulic hoses 1/2":

- ~ Protective PTFE tape

8X4X2,50 mm²:

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

- ~ Elements laid up together around central filler
- ~ Polyester tape
- ~ Hydrolysis UV resistant PUR sheath
- ~ Double spiral contra-helical Vectran strength member
- ~ Protective non woven tape
- ~ Hydrolysis UV resistant PUR outer sheath, colour black
- ~ Nominal overall diameter 73,00 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.	4347 kg/km
~ Weight in air nom. (hoses full of oil s.g.0,80)	4673 kg/km
~ Weight in fresh water nom.	162 kg/km
~ Weight in fresh water nom. (hoses full of oil s.g. 0,80)	487 kg/km
~ Weight in sea water nom. (s.g. 1,026)	53 kg/km
~ Weight in sea water nom. (s.g. 1,026 - hoses full of oil s.g. 0,80)	379 kg/km
~ Hydraulic hose working pressure	350 bar
~ Breaking strength	9000 kg
~ Working load max.	2200 kg
~ Recommended static bending radius min.	365 mm
~ Recommended dynamic bending radius min.	730 mm
~ Working temperature	-30/+80°C

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