

16OMB11

Hybrid umbilical cable



CONSTRUCTION DETAILS

5X2X0,5 mm²:

- ~ Tinned copper conductor
- ~ Polypropylene insulation
- ~ Cores twisted in pairs
- ~ Screen of polyester tape, aluminium/polyester tape, tinned copper drain wire, polyester tape
- ~ TPE-E thermoplastic sheath

4X2,5 mm²:

- ~ Bare copper conductor
- ~ HDPE insulation

- ~ Elements laid up together with central filler
- ~ Hydrolysis UV resistant PUR sheath
- ~ PTFE tape

2X Hydraulic hose 1/2"

- ~ PTFE tape
- ~ Elements laid up together with fillers
- ~ Hydrolysis UV resistant PUR sheath
- ~ LCP fiber braid strength member
- ~ Hydrolysis UV resistant PUR outer sheath, colour orange
- ~ Nominal overall diameter 59,15 mm



ELECTRICAL AND PHYSICAL CHARACTERISTICS

~ Electrical resistance conductors 0,50 mm ²	< 38,40 ohm/km @ 20°C
~ Electrical resistance conductors 2,50 mm ²	< 7,98 ohm/km @ 20°C
~ Hoses working pressure	210 bar
~ Breaking strength	10000 Kg
~ Bending radius static min.	300 mm
~ Bending radius flexing min.	600 mm
~ Weight	2670 kg/km
~ Working temperature	-30/+80 °C

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