

SYNTHETIC ARMoured CABLE

33XM376

8x16 + 1x3x2,5 + 2x3x1,5 + 4x(2x0,22) +
8x(FO 50/125) - BS 10000 kg



CONSTRUCTION DETAILS

4X2X0,22 mm²:

- ~ Bare copper conductor
- ~ HDPE insulation
- ~ Cores twisted in pairs
- ~ Screen of polyester tape, aluminium/polyester tape, tinned copper
- ~ Pairs laid up together
- ~ Protective polyester tapes

3X2,50 mm²:

- ~ Bare copper conductor
- ~ HDPE insulation

6X1,50 mm²:

- ~ Bare copper conductor
- ~ HDPE insulation

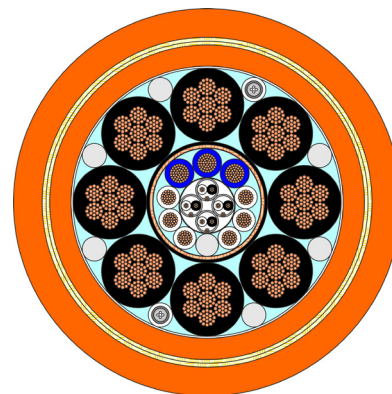
- ~ Elements laid up together with silicone waterblocking compound
- ~ Protective polyester tape
- ~ Tinned copper braid shield
- ~ Polyethylene sheath

8X16,00 mm²:

- ~ Bare copper conductor
- ~ Cross-linked polyethylene insulation

8x50/125:

- ~ 2 stainless steel tubes gel filled with 4x50/125 fiber optic
- ~ Elements laid up together with solid fillers and silicone waterblocking compound
- ~ Protective polyester tape
- ~ Hydrolysis UV resistant PUR sheath
- ~ Double contra helical spiral Vectran yarn strength member
- ~ Hydrolysis UV resistant PUR outer sheath
- ~ Nominal overall diameter 40,00 mm



ELECTRICAL AND PHYSICAL CHARACTERISTICS

~ Electrical resistance conductors 16,00 mm ²	< 1,21 ohm/km @ 20°C
~ Electrical resistance conductors 2,50 mm ²	< 7,98 ohm/km @ 20°C
~ Electrical resistance conductors 1,50 mm ²	< 13,30 ohm/km @ 20°C
~ Electrical resistance conductors 0,22 mm ²	< 88,67 ohm/km @ 20°C
~ Working voltage 16,00 mm ²	0,6/1 kV
~ Working voltage 2,50 mm ²	300/500 V
~ Working voltage 1,50 mm ²	300/500 V
~ Working voltage 0,22 mm ²	250 V
~ Optical attenuation @ 850 nm	<= 3,5 dB/km
~ Optical attenuation @ 1300 nm	<= 1,5 dB/km
~ Weight in air nom.	2566 kg/km
~ Weight in fresh water nom.	1310 kg/km
~ Weight in sea water nom. (s.g. 1,026)	1277 kg/km
~ Breaking strength	10000 kg
~ Working load max.	2500 kg
~ Recommended static bending radius min.	200 mm
~ Recommended dynamic bending radius min.	400 mm
~ Working temperature	-30/+80°C

AQUANCABLE®

Design and contents are property of Novacavi.
They are not to be used or reproduced without permission.
Product information is subject to change without prior notice.

