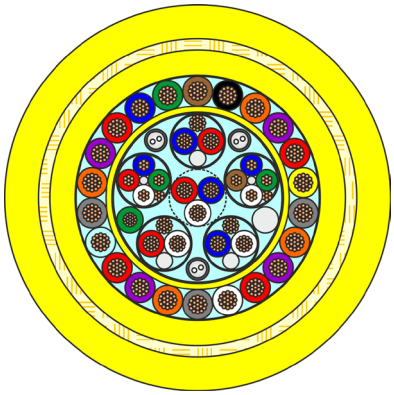
SYNTHETIC ARMOURED CABLE

46XM437

3X(2X50/125) + 2X(4X0,22) + 3X(2X0,6) + 1X3X0,6 + 1X0,34 + 22X0,6 BS 2000 kg

NOVACAVI
Cables for advanced technology

CONSTRUCTION DETAILS



3X2X50/125:
~ Multi mode fiber optic 50/125 in stainless steel tube

2X4X0,22 mm²:
~ Tinned copper conductor
~ Polypropylene insulation
~ Cores twisted in quads
~ Screen of polyester tape, tinned copper drain wire, aluminium/polyester tape

1X0,34 mm²:
~ Tinned copper conductor
~ Polypropylene insulation
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3X2X0,60 mm²:
~ Tinned copper conductor
~ Polypropylene insulation
~ Cores twisted in pairs with silicone waterblocking compound
~ Screen of tinned copper drain wire, aluminium/polyester tape, polyester tape

1X3X0,60 mm²:
~ Tinned copper conductor
~ Polypropylene insulation
~ Cores twisted in triad

22X0,60 mm²:
~ Tinned copper conductor
~ Polypropylene insulation

~ 1X3X0,60 + 2X4X0,22 + 3X2X0,60 + 3X2X50/125 + 1X0,34 laid up together with silicone waterblocking compound
~ Screen of polyester tape, tinned copper drain wire, aluminium/polyester tape
~ Polyethylene sheath
~ 22x0,60 laid up around central core with silicone waterblocking compound

~ Hydrolysis UV resistant PUR sheath
~ LCP fiber braid strength member embedded in PUR sheath
~ Hydrolysis UV resistant PUR outer sheath

~ Nominal overall diameter 20,60 mm

ELECTRICAL AND PHYSICAL CHARACTERISTICS

~ Electrical resistance conductors 0,22 mm2	< 88,67 ohm/km @ 20°C
~ Electrical resistance conductors 0,34 mm2	< 58,08 ohm/km @ 20°C
~ Electrical resistance conductors 0,60 mm2	< 32,67 ohm/km @ 20°C
~ Working voltage 0,22 mm2	660 V
~ Working voltage 0,34 mm2	660 V
~ Working voltage 0,60 mm2	660 V
~ Weight in air nom.	555 kg/km
~ Weight in fresh water nom.	221 kg/km
~ Weight in sea water nom. (s.g. 1,026)	213 kg/km
~ Breaking strength	2000 kg
~ Working load max.	500 kg
~ Recommended static bending radius min.	160 mm
~ Recommended dynamic bending radius min.	210 mm
~ Working temperature	-40/+80°C

AQUANCABLE®

RoHS REACH COMPLIANT