

SYNTHETIC ARMoured CABLE

6XM383

4x2,5 + FIMT(2x9/125) - BS 12000 kg



CONSTRUCTION DETAILS

2x9/125

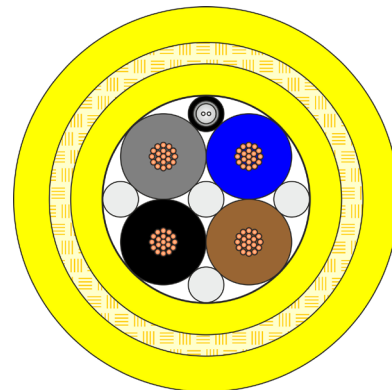
~ Single mode fiber optic in stainless steel tube filled with jelly polyethylene covering

4X2,50 mm²:

- ~ Bare copper conductor
- ~ HDPE crosslinked compound insulation

- ~ Cores laid up together
- ~ Protective polyester tape
- ~ Hydrolysis UV resistant PUR sheath
- ~ Double spiral textile strength member
- ~ Hydrolysis UV resistant PUR outer sheath

- ~ Nominal overall diameter 27,00 mm



ELECTRICAL AND PHYSICAL CHARACTERISTICS

~ Electrical resistance conductors 2,50 mm ²	< 7,96 ohm/km @ 20°C
~ Working voltage 2,50 mm ²	3 kV
~ Fiber optic attenuation @ 1310 nm	≤ 0,40 dB/km
~ Fiber optic attenuation @ 1550 nm	≤ 0,28 dB/km
~ Weight in air nom.	757 kg/km
~ Weight in fresh water nom.	184 kg/km
~ Weight in sea water nom. (s.g. 1,026)	169 kg/km
~ Breaking strength	12000 kg
~ Working load max.	3000 kg
~ Recommended static bending radius min.	135 mm
~ Recommended dynamic bending radius min.	270 mm
~ Working temperature	-40/+80°C

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