

4SSA49

Hybrid fiber optic armoured cable



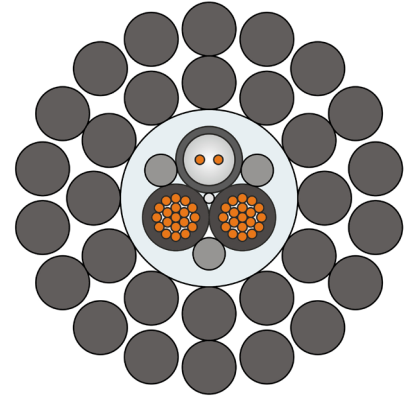
CONSTRUCTION DETAILS

2X9/125:

- ~ Single mode fiber optic in stainless steel tube

2X17 AWG:

- ~ Bare copper conductor 19x0,26 mm
- ~ ETFE insulation
- ~ Above elements laid up together with fillers
- ~ UVR HDPE sheath
- ~ Preformed galvanized steel wire armour
- ~ Nominal overall diameter 10,60 mm



ELECTRICAL AND PHYSICAL CHARACTERISTICS

~ Electrical resistance conductors 17 AWG	< 18,83 ohm/km @ 20°C
~ Working voltage 17 AWG	1000 V
~ Optical attenuation @ 1550 nm	< 0,30 dB/km
~ Optical attenuation @ 1310 nm	< 0,45 dB/km
~ Weight in air nom.	461 kg/km
~ Weight in fresh water nom.	373 kg/km
~ Weight in sea water nom. (s.g. 1,026)	371 kg/km
~ Breaking strenght	89 Kn
~ Working load max.	22,25 kN
~ Recommended static bending radius min.*	100 mm
~ Recommended dynamic bending radius min.*	200 mm
~ Working temperature	-40 / +80°C

* Failure to comply with the minimum recommended bending radius can compromise long-term durability and overall product performance.

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