

6SSA18

Hybrid fiber optic tow cable



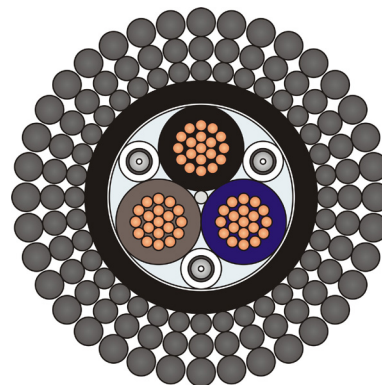
CONSTRUCTION DETAILS

3 X 11 AWG:

- ~ Hard drawn bare copper conductor 19x0,53 mm
- ~ XLPE HD insulation

3 X FIMT (1x9/125):

- ~ Mono mode fiber optic in stainless steel tube
- ~ UVR HDPE sheath
- ~ Elements laid up together with silicone waterblocking compound
- ~ Polyester tape
- ~ UVR HDPE sheath
- ~ 1st layer of preformed galvanized steel wire armour
- ~ 2nd layer of preformed galvanized steel wire armour
- ~ 3rd layer of preformed galvanized steel wire armour
- ~ Nominal overall diameter 17,35 mm



ELECTRICAL AND PHYSICAL CHARACTERISTICS

~ Electrical resistance conductors 11 AWG	< 4,90 ohm/km @ 20°C
~ Voltage rating 11 AWG	2800 Vdc
~ Optical attenuation @1310 nm	0,70 dB/Km
~ Optical attenuation @1550 nm	0,70 dB/Km
~ Weight in air nom.	1010 kg/km
~ Weight in fresh water nom.	774 kg/km
~ Weight in sea water nom. (s.g. 1,026)	767 kg/km
~ Breaking strength	205 kN
~ Working load max.	55 kN
~ Recommended dynamic bending radius min.*	350 mm
~ Working temperature	-30/+80°C

KEY FEATURES

- ~ Preformed armour
- ~ Tow cable
- ~ Coaxial cable
- ~ Fiber optic

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

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