

# 8SSA25

## Hybrid fiber optic tow cable



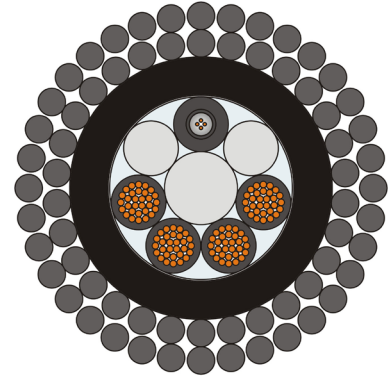
### CONSTRUCTION DETAILS

#### 4X4,00 mm<sup>2</sup>:

- ~ Bare copper conductor FEP insulation

#### 4X9/125:

- ~ Single mode fiber optic 9/125 in stainless steel tube diameter
- ~ Waterblocking compound
- ~ HDPE outer sheath
- ~ Double contra-helical preformed stainless steel wire armour
- ~ Nominal overall diameter 22,40 mm



### ELECTRICAL AND PHYSICAL CHARACTERISTICS

~ Optical attenuation @ 1310 nm	< 1,0 dB/km
~ Optical attenuation @ 1550 nm	< 1,0 dB/km
~ Electrical resistance conductors 4,00 mm <sup>2</sup>	< 4,95 ohm/km @ 20°C
~ Working voltage 4,00 mm <sup>2</sup>	0,6/1 kV
~ Weight in air nom.	1494 kg/km
~ Weight in fresh water nom.	1100 kg/km
~ Weight in sea water nom. (s.g. 1,026)	1090 kg/km
~ Breaking strength	205 kN
~ Working load max.	51 kN
~ Static bending radius min.	335 mm
~ Dynamic bending radius min.	460 mm
~ Working temperature	-30/+80°C

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