

23SSA33

Hybrid fiber optic armoured cable



CONSTRUCTION DETAILS

6X9/125:

- ~ Single mode fiber optic HDPE covering

2 X 0,50 mm²:

- ~ Tinned copper conductor HDPE insulation

4 X 1,00 mm²:

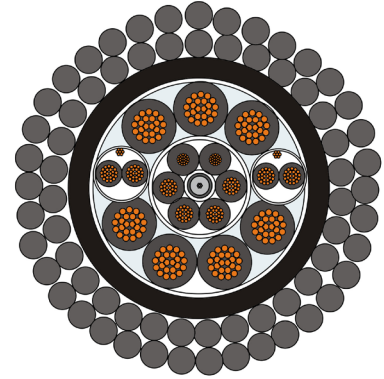
- ~ Tinned copper conductor HDPE insulation
- ~ Swelling waterblocking tape

7 X 4,00 mm²:

- ~ Tinned copper conductor Cross-linked polyethylene insulation

2 X 2 X 1,00 mm²:

- ~ Tinned copper conductor HDPE insulation,
- ~ Screen of polyester tape, tinned copper drain wire, aluminium/ polyester tape, polyester tape
- ~ Swelling waterblocking tape
- ~ HDPE sheath
- ~ Contra-helical preformed galvanised steel wire armour Nominal
- ~ Nominal overall diameter 26,80 mm



ELECTRICAL AND PHYSICAL CHARACTERISTICS

| | |
|---|-----------------------|
| ~ Electrical resistance conductors 0,50 mm ² | < 40,10 ohm/km @ 20°C |
| ~ Electrical resistance conductors 1,00 mm ² | < 20,00 ohm/km @ 20°C |
| ~ Electrical resistance conductors 4,00 mm ² | < 5,09 ohm/km @ 20°C |
| ~ Working voltage 0,50 mm ² | 380 Vac |
| ~ Working voltage 1,00 mm ² | 440 Vac |
| ~ Working voltage 4,00 mm ² | 1000 Vac |
| ~ Optical attenuation @ 1310 nm | < 1,0 dB/km |
| ~ Optical attenuation @ 1550 nm | < 1,0 dB/km |
| ~ Weight in air nom. | 2066 kg/km |
| ~ Breaking strength | 280 kN |
| ~ Working load max. | 70 kN |
| ~ Recommended static bending radius min. | 265 mm |
| ~ Recommended dynamic bending radius min. | 530 mm |
| ~ Working temperature | -20/+70°C |

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