

SYNTHETIC ARMoured CABLE

22GAX203

3X4,00,82+1X(4X0,35) + (12X9/125) + 2x0,82
+ 3x0,22 Neutrally Buoyant BS 9600 kg



CONSTRUCTION DETAILS

3X4,00 mm²:

- ~ Bare copper conductor
- ~ Conductive compound
- ~ XLPE HD insulation

3X0,82 mm²:

- ~ Bare copper conductor
- ~ Conductive compound
- ~ XLPE HD insulation

1X4X0,35 mm²:

- ~ Bare copper conductor
- ~ PP insulation
- ~ Cores twisted in quads
- ~ Screen of polyester tape, tinned copper drain wire, aluminium/polyester tape
- ~ Non woven tape

12X9/125:

- ~ Fiber optic in stainless steel tube
- ~ PP sheath

2X0,82 mm² (drain):

- ~ Bare copper conductor
- ~ Conductive compound

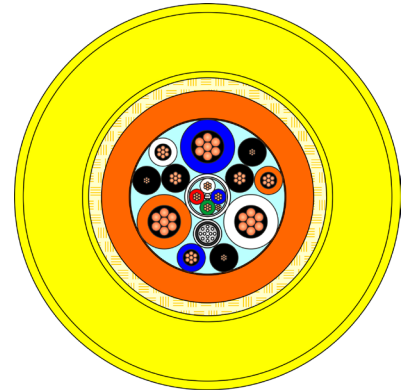
3X0,22 mm² (drain):

- ~ Bare copper conductor
- ~ Conductive compound

- ~ Elements laid up together with silicone waterblocking compound
- ~ Copper/polyester tape
- ~ LDPE UVR sheath
- ~ Double layer contra helical strain member of LCP yarn

- ~ SEBS TPR sheath
- ~ Foamed TPR sheath
- ~ SEBS TPR outer sheath

- ~ Nominal overall diameter 35,50 mm



ELECTRICAL AND PHYSICAL CHARACTERISTICS

- | | |
|---|--------------------------------|
| ~ Fiber optic 9/125 attenuation @1310 nm | < 1,0 db/km |
| ~ Fiber optic 9/125 attenuation @1550 nm | < 1,0 db/km |
| ~ Electrical resistance conductors 4,00 mm ² | < 4,78 ohm/km @ 20°C |
| ~ Electrical resistance conductors 0,82 mm ² | < 21,60 ohm/km @ 20°C |
| ~ Electrical resistance conductors 0,35 mm ² | < 55,29 ohm/km @ 20°C |
| ~ Electrical resistance conductors 0,22 mm ² | < 86,40 ohm/km @ 20°C |
| ~ Working voltage 4,00 mm ² | 4,5 kV |
| ~ Working voltage 0,82 mm ² | 3000 V |
| ~ Working voltage 0,35 mm ² | 300 V |
| ~ Weight in air nom. | 1005 kg/km |
| ~ Weight in fresh water nom. | 15 kg/km |
| ~ Weight in sea water nom. (s.g. 1,026) | -10 kg/km |
| ~ Specific gravity | 1,02+/-0,03 kg/dm ³ |
| ~ Breaking strength | 9600 kg |
| ~ Recommended static bending radius min. | 180 mm |
| ~ Recommended dynamic bending radius min. | 360 mm |
| ~ Working temperature | -30/+70°C |

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