

# 4GAX181

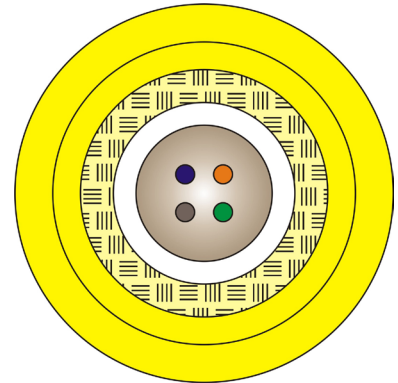
## Buoyant tether fiber optic cable



### CONSTRUCTION DETAILS

#### 2 X 9/125 + 2 X 50/125:

- ~ Fiber optic in PBT tube jelly filled
  - ~ LCP yarn braid strength member
  - ~ Foamed TPR inner sheath, color yellow
  - ~ Hydrolysis UV resistant PUR outer sheath color yellow
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- ~ Nominal overall diameter 5,00 mm



### ELECTRICAL AND PHYSICAL CHARACTERISTICS

|   |                         |
|---|-------------------------|
| ~ Optical attenuation 9/125 @ 1310 nm     | < 1,0 dB/km             |
| ~ Optical attenuation 9/125 @ 1550 nm     | < 1,0 dB/km             |
| ~ Optical attenuation 50/125 @ 850 nm     | < 3,5 dB/km             |
| ~ Optical attenuation 50/125 @ 1300 nm    | < 1,5 dB/km             |
| ~ Weight in air nom.                      | 19 kg/km                |
| ~ Weight in fresh water nom.              | 0 kg/km                 |
| ~ Weight in sea water nom. (s.g. 1,026)   | -1 kg/km                |
| ~ Specific gravity                        | 0,97 kg/dm <sup>3</sup> |
| ~ Breaking strength                       | 320 kg                  |
| ~ Working load max.                       | 40 kg                   |
| ~ Recommended static bending radius min.  | 40 mm                   |
| ~ Recommended dynamic bending radius min. | 75 mm                   |
| ~ Working temperature                     | -30/+80°C               |

### KEY FEATURES

- ~ Multi-protocol fiber optic
- ~ Neutrally buoyant
- ~ Textile braid
- ~ Small diameter

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