

# 14XM523

## Fiber optic hybrid cable



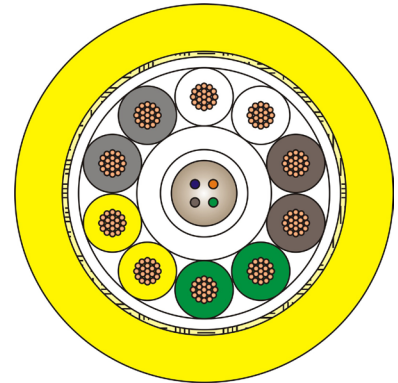
### CONSTRUCTION DETAILS

#### 2x9/125+2x50/125:

- ~ Fiber optic in PBT tube
- ~ PE sheath

#### 10X0,34 mm<sup>2</sup>:

- ~ Tinned copper conductor 19x0,15 mm
- ~ HDPE insulation
- ~ Elements laid up together
- ~ Swelling waterblocking tape
- ~ LCP fiber braid strength member
- ~ Hydrolysis UV resistant PUR outer sheath, nominal thickness 1,30 mm, color yellow
- ~ Nominal overall diameter 10,40 mm



### ELECTRICAL AND PHYSICAL CHARACTERISTICS

~ Electrical resistance conductors 0,34 mm <sup>2</sup>	< 58,08 ohm/km @ 20°C
~ Working voltage 0,34 mm <sup>2</sup>	1000 V
~ 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.	112 kg/km
~ Weight in fresh water nom.	27 kg/km
~ Weight in sea water nom. (s.g. 1,026)	25 kg/km
~ Breaking strength	320 kg
~ Working load max.	80 kg
~ Recommended static bending radius min.	55 mm
~ Recommended dynamic bending radius min.	110 mm
~ Working temperature	-30/+80°C

### KEY FEATURES

- ~ Mono mode fiber optic
- ~ Multi mode fiber optic
- ~ Fibers in plastic tube
- ~ Waterblocking tape
- ~ Textile braid

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