

# 4XM550

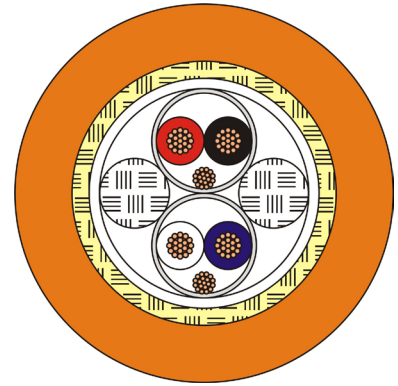
## Communication cable



### CONSTRUCTION DETAILS

#### 2X2X0,50 mm<sup>2</sup>:

- ~ Tinned copper conductor 19x0,18 mm
- ~ Polyethylene insulation
- ~ Cores twisted in pairs
- ~ Screen of polyester tape, tinned copper drain wire, aluminium/polyester tape, polyester tape
  
- ~ Pairs laid up together with swelling water blocking fillers
- ~ Swelling waterblocking tape
- ~ LCP fiber braid strength member
- ~ Hydrolysis UV resistant PUR outer sheath, color orange
  
- ~ Nominal overall diameter 11,00 mm



### ELECTRICAL AND PHYSICAL CHARACTERISTICS

~ Electrical resistance conductors 0,50 mm <sup>2</sup>	< 40,33 ohm/km @ 20°C
~ Working voltage 0,50 mm <sup>2</sup>	500 V
~ Weight in air nom.	107 kg/km
~ Weight in fresh water nom.	12 kg/km
~ Weight in sea water nom. (s.g. 1,026)	9 kg/km
~ Breaking strength	960 kg
~ Working load max.	240 kg
~ Recommended static bending radius min.	55 mm
~ Recommended dynamic bending radius min.	110 mm
~ Working temperature	-30/+80°C

### KEY FEATURES

- ~ Twisted shielded pairs
- ~ Waterblocking fillers and tape
- ~ Textile braid

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