

8XM584

Hybrid communication cable



CONSTRUCTION DETAILS

4 X 2 X 24 AWG:

- ~ Tinned copper conductor 7x0,20 mm
 - ~ PE insulation
 - ~ Pairs laid up together with central crossweb filler
 - ~ Collective screen of polyester tape, tinned copper, aluminium/polyester tape
 - ~ PE sheath
 - ~ LCP yarn braid strenght member
 - ~ Hydrolysis UV resistant PUR outer sheath, color orange
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- ~ Nominal overall diameter 10,20 mm



ELECTRICAL AND PHYSICAL CHARACTERISTICS

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|---|-----------------------|
| ~ Electrical resistance conductors 24 AWG | < 88,67 ohm/km @ 20°C |
| ~ Working voltage 24 AWG | 250 V |
| ~ Characteristic impedance pairs 24 AWG | 100 ohm |
| ~ Mutual capacitance pairs 24 AWG | 48 pF/m |
| ~ Weight in air nom. | 92 kg/km |
| ~ Weight in fresh water nom. | 10 kg/km |
| ~ Weight in sea water nom. (s.g. 1,026) | 8 kg/km |
| ~ Breaking strength | 160 kg |
| ~ Recommended static bending radius min. | 55 mm |
| ~ Recommended dynamic bending radius min. | 110 mm |
| ~ Working temperature | -30/+80°C |
| ~ Working depth max. | 4500 m |

KEY FEATURES

- ~ Cat. 6 LAN flexible cable

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