

26XM520

LAN hybrid cable



CONSTRUCTION DETAILS

18 X 22 AWG:

- ~ Tinned copper conductor 7x0,25 mm
- ~ HDPE insulation

4 X 2 X 24 AWG:

- ~ Tinned copper conductor 7x0,20 mm
- ~ PE insulation
- ~ Conductors twisted in pairs
- ~ Pairs laid up together with central crossweb filler
- ~ Collective screen of polyester tape, tinned copper drain wire, aluminium/polyester tape
- ~ PE sheath

- ~ Elements laid up together with silicone waterblocking compound
- ~ Protective polyester tape
- ~ Protective non woven tape
- ~ LCP fiber braid strength member
- ~ Hydrolysis UV resistant PUR outer sheath, color orange
- ~ Nominal overall diameter 14,20 mm



ELECTRICAL AND PHYSICAL CHARACTERISTICS

~ Electrical resistance conductors 22 AWG	< 56,75 ohm/km @ 20°C
~ Electrical resistance conductors 24 AWG	< 88,67 ohm/km @ 20°C
~ Working voltage 22 AWG	500 V
~ 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.	230 kg/km
~ Weight in fresh water nom.	72 kg/km
~ Weight in sea water nom. (s.g. 1,026)	68 kg/km
~ Breaking strength	480 kg
~ Working load max.	120 kg
~ Recommended static bending radius min.	85 mm
~ Recommended dynamic bending radius min.	170 mm
~ Working temperature	-30/+80°C

KEY FEATURES

- ~ Cat. 6 LAN cable
- ~ Waterblocking compound
- ~ Textile braid

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