

24XM521

LAN hybrid cable



CONSTRUCTION DETAILS

16 X 24 AWG:

- ~ Tinned copper conductor 7x0,20 mm
- ~ HDPE insulation

4 X 2 X 26 AWG:

- ~ Tinned copper conductor 7x0,16 mm
- ~ Foamed PE insulation
- ~ Pairs laid up together
- ~ Collective screen of polyester tape, tinned copper drain wire, aluminium/polyester tape
- ~ PE sheath, color

- ~ Elements laid up together
- ~ Swelling waterblocking tape
- ~ LCP fiber braid strength member
- ~ Hydrolysis UV resistant PUR outer sheath, color yellow
- ~ Nominal overall diameter 11,10 mm



ELECTRICAL AND PHYSICAL CHARACTERISTICS

~ Electrical resistance conductors 24 AWG	< 88,67 ohm/km @ 20°C
~ Electrical resistance conductors 26 AWG	< 138,55 ohm/km @ 20°C
~ Working voltage 24 AWG	500 V
~ Working voltage 26 AWG	250 V
~ Characteristic impedance pairs 26 AWG	100 ohm
~ Mutual capacitance pairs 26 AWG	48 pF/m
~ Weight in air nom.	131 kg/km
~ Weight in fresh water nom.	35 kg/km
~ Weight in sea water nom. (s.g. 1,026)	32 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

- ~ Cat. 5 LAN cable
- ~ Waterblocking tape
- ~ Textile braid

AQUANCABLE®

Design and contents are property of Novacavi.
They are not to be used or reproduced without permission.
Product information is subject to change without prior notice.

