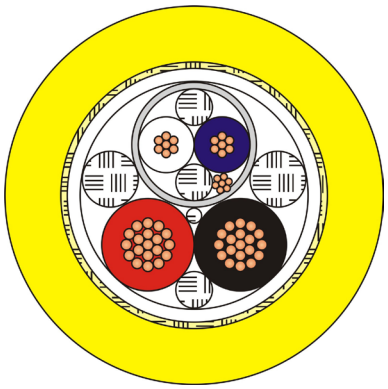
4XM525

Hybrid communication cable

NOVACAVI
Cables for advanced technology

CONSTRUCTION DETAILS



2 X 18 AWG:
~ Tinned copper conductor 19x0,25 mm
~ HDPE insulation

1 X 2 X 24 AWG:
~ Tinned copper conductor 7x0,20 mm
~ Foam skin insulation
~ Cores twisted in pairs
~ Screen of polyester tape, tinned copper drain wire, aluminium/polyester tape, polyester tape

~ Elements laid up together with swelling water blocking fillers
~ Swelling waterblocking tape
~ LCP fiber braid strength member
~ Hydrolysis UV resistant PUR outer sheath, color yellow
~ Nominal overall diameter 8,80 mm

ELECTRICAL AND PHYSICAL CHARACTERISTICS

~ Electrical resistance conductors 24 AWG	< 88,67 ohm/km @ 20°C
~ Electrical resistance conductors 18 AWG	< 20,91 ohm/km @ 20°C
~ Working voltage 24 AWG	250 V
~ Working voltage 18 AWG	1000 V
~ Characteristics impedance pair 24 AWG	100 ohm
~ Weight in air nom.	80 kg/km
~ Weight in fresh water nom.	19 kg/km
~ Weight in sea water nom. (s.g. 1,026)	18 kg/km
~ Breaking strength	320 kg
~ Working load max.	80 kg
~ Recommended static bending radius min.	45 mm
~ Recommended dynamic bending radius min.	90 mm
~ Working temperature	-30/+80°C

KEY FEATURES

~ Twisted shielded data pair
~ Waterblocking fillers and tape
~ Textile braid

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RoHS REACH COMPLIANT