

8XM552

Video hybrid cable

CONSTRUCTION DETAILS

1 X COAX 75 OHM:

- ~ Tinned copper conductor 7x0,16 mm
- ~ Foamed polyolefin insulation
- ~ Tinned copper braid coverage 95%
- ~ HDPE sheath

1X1,34 mm²:

- ~ Tinned copper conductor 19x0,30 mm
- ~ HDPE insulation

1X2X1,34 mm²:

- ~ Tinned copper conductor 19x0,30 mm
- ~ HDPE insulation
- ~ Screen of polyester tape, tinned copper drain wire, aluminium/polyester tape, |

1X2X0,22 mm²:

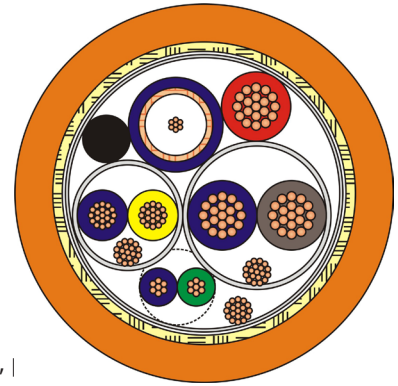
- ~ Tinned copper conductor 7x0,20 mm
- ~ HDPE insulation
- ~ Cores twisted in pairs

1X2X0,50 mm²:

- ~ 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

- ~ Elements laid up together with silicone waterblocking compound
- ~ Overall screen of polyester tape, tinned copper drain wire, aluminium/polyester tape
- ~ Protective non woven tape
- ~ LCP fiber braid strength member
- ~ Hydrolysis UV resistant PUR outer sheath, color orange

- ~ Nominal overall diameter 12,00 mm



ELECTRICAL AND PHYSICAL CHARACTERISTICS

~ Electrical resistance conductors 0,22 mm ²	< 88,67 ohm/km @ 20°C
~ Electrical resistance conductors 0,50 mm ²	< 40,33 ohm/km @ 20°C
~ Electrical resistance conductors 1,34 mm ²	< 14,52 ohm/km @ 20°C
~ Working voltage 0,22 mm ²	250 V
~ Working voltage 0,50 mm ²	500 V
~ Working voltage 1,34 mm ²	500 V
~ Coaxial characteristic impedance	75 ohm
~ Coaxial nominal capacitance	54 pF/m
~ Weight in air nom.	179 kg/km
~ Weight in fresh water nom.	66 kg/km
~ Weight in sea water nom. (s.g. 1,026)	63 kg/km
~ Breaking strength	960 kg
~ Working load max.	240 kg
~ Recommended static bending radius min.	75 mm
~ Recommended dynamic bending radius min.	150 mm
~ Working temperature	-30/+80°C

KEY FEATURES

- ~ Twisted shielded data pairs
- ~ Waterblocking compound
- ~ Textile braid

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