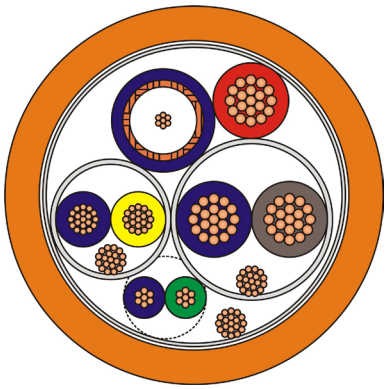
8MC430
Video hybrid cable

NOVACAVI
Cables for advanced technology

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, 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
~ Hydrolysis UV resistant PUR outer sheath, nominal thickness 1,30 mm, color orange
~ Nominal overall diameter 11,00 mm

ELECTRICAL AND PHYSICAL CHARACTERISTICS

~ Electrical resistance conductors 0,22 mm²	< 88,67 ohm/km @ 20°C
~ Electrical resistance conductors 0,50 mm²	< 40,33 ohm/km @ 20°C
~ Electrical resistance conductors 1,34 mm²	< 14,52 ohm/km @ 20°C
~ Working voltage 0,22 mm²	250 V
~ Working voltage 0,50 mm²	500 V
~ Working voltage 1,34 mm²	500 V
~ Coaxial characteristic impedance	75 ohm
~ Coaxial nominal capacitance	54 pF/m
~ Weight in air nom.	167 kg/km
~ Weight in fresh water nom.	72 kg/km
~ Weight in sea water nom. (s.g. 1,026)	70 kg/km
~ Recommended static bending radius min.	65 mm
~ Recommended dynamic bending radius min.	130 mm
~ Working temperature	-30/+80°C

KEY FEATURES

~ Video coaxial
~ Waterblocking compound
~ Twisted screened pairs

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RoHS REACH COMPLIANT