

VMOHBUK-TL

Jelly filled, screened, self-supporting telecommunication cable with suspension strand.

DESCRIPTION

Design

Cell-PE insulated, pair-twisted, jelly filled, screened telecommunication cable with suspension strand. VMOHBUK-TL is designed in accordance with the Finnish Standard SFS 5740 in applicable parts. The a-wire of the pair is white and the b-wire is colored. The cable is intended for installation outdoors on poles and is used for digital communication (XDSL) in the access network. The sheath is marked with e.g. "VMOHBUK-TL 10x2x0.5 NEXANS GS" year month + metre marking".

Quality system

Design, manufacture and testing according to the requirements in ISO 9001.

Environmental management system

The activities at our plant in Grimsås are certified to ISO 14001.



STANDARDS

National SFS 5740



Ambient installation T°C range
-20 ... 40 °C



Operating temp.
-40 ... 70 °C

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

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VMOHBUK-TL

CHARACTERISTICS

Construction characteristics

Conductor shape	Single wired
Conductor material	Annealed copper
Insulation	Foam-skin polyethylene
Twisted	Yes
Material used for longitudinal water tightness	Vaseline
Screen	Longitudinal aluminium tape + copper wire
Outer sheath	PE LLD
Colour	Black

Dimensional characteristics

Conductor diameter	0,5 mm
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Electrical characteristics

Max. DC resistance of the conductor at 20°C	96 Ohm/km
Resistance unbalance DC max % of loop resistance	2 %
Max. capacity pair / core to core	45 nF/km
Capacitance unbalance max.	150 pF/500m
Ohmical resistance of the insulation	2000 MOhm.km
Maximum operating voltage	100 V

Transmission characteristics

Attenuation, nom. 800 Hz	1,2 dB/1000m
Attenuation, nom. 1 MHz	16 dB/1000m

Usage characteristics

Ambient installation temperature, range	-20 ... 40 °C
Operating temperature, range	-40 ... 70 °C

PRODUCT LIST

Nexans Ref.	Country Ref.	Name	Nominal outer diameter [mm]	Approximate weight [kg/100m]
☎ 38625198	0235851	VMOHBUK-TL 3x2x0,5	9,5	16,0
☎ 38625298	0235852	VMOHBUK-TL 5x2x0,5	10,0	17,5
☎ 38625598	0235855	VMOHBUK-TL 30x2x0,5	17,0	37,5
☎ 38625798	0235857	VMOHBUK-TL 100x2x0,5	27,0	95,0
☎ 38625398	0235853	VMOHBUK-TL 10x2x0,5	11,5	22,0
☎ 38625498	0235854	VMOHBUK-TL 20x2x0,5	15,0	29,5
☎ 38625898	0235858	VMOHBUK-TL 200x2x0,5	37,0	173,0
☎ 38625698	0235856	VMOHBUK-TL 50x2x0,5	20,0	53,0

☎ = Make to order, 📦 = In stock,

SELLING AND DELIVERY INFORMATION

VMOHBUK-TL will be delivered in lengths of 1000 m. The drum is marked with manufacturer, type of cable and length. The ends of the cable are sealed.

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