

# VMOHBU-TL

Petroleum jelly filled, screened telecommunication cable intended for installation outdoors in ground or ducts.

## DESCRIPTION

### Design

Pair-twisted, petroleum-jelly filled, screened and PE-sheathed telecommunication cable. The cable is designed in accordance with the Finnish Standard SFS 5012. VMOHBU-TL is used for telephony and digital communication (xDSL) in the access network. The sheath is marked with e.g. "VMOHBU-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.



**Lifemark™**

## STANDARDS

**National SFS 5012**



Halogen free  
Yes



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.

Generated 11/27/23 [www.nexans.it](http://www.nexans.it) Page 1 / 2

**Nexans**

## 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
Halogen free	Yes

### Electrical characteristics

Resistance unbalance DC max % of loop resistance	2 %
Max. capacity pair / core to core	45 nF/km
Capacitance unbalance max.	150 pF/500m
Maximum operating voltage	100 V

### Usage characteristics

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

## SELLING AND DELIVERY INFORMATION

VMOHBU-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.