

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. The a-wire of the pair has a stripe of same colour as the b-wire, which simplifies the identification when terminating the cable. 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

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

Dimensional characteristics

Conductor diameter	0.5 mm
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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

PRODUCT LIST

Nexans ref.	Country ref.	Name	Nom. outer diam. [mm]	Approx. weight [kg/100m]
 38607198	0235801	VMOHBU-TL 3x2x0,5	9.5	7.0
 38607298	0235802	VMOHBU-TL 5x2x0,5	10.0	9.0
 38607398	0235803	VMOHBU-TL 10x2x0,5	11.5	13.0
 38607498	0235804	VMOHBU-TL 20x2x0,5	14.0	20.5
 38607598	0235805	VMOHBU-TL 30x2x0,5	17.0	27.5
 38607698	0235806	VMOHBU-TL 50x2x0,5	19.5	42.5
 38607798	0235807	VMOHBU-TL 100x2x0,5	25.5	77.5
 38607898	0235808	VMOHBU-TL 200x2x0.5	37.0	154.0

 = Make to order,  = In stock

SELLING 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.