

Contact

Telecom and Data cables Phone: 040 70 78 444 telecomcable-pc.se@nexans.com

Nexans ref.: 38607798 Country ref.: 0235807

Petreleum 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.





STANDARDS

National SFS 5012



Halogen free

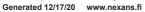




Ambient installation T°C range

-40 .. 70 °C

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









VMOHBU-TL 100x2x0,5

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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
	Nominal outer diameter	25.5 mm
	Number of pairs	100
	Approximate weight	77.5 kg/100m
	Average sheath thickness	1.8 mm
Ele	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/km
	Attenuation, nom. 1 MHz	16 dB/km
Usage characteristics		
	Length	1000 m
	Ambient installation temperature, range	-20 40 °C
	Operating temperature, range	-40 70 °C

SELLING INFORMATION

Packaging

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.



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