Cables - LANmark-OF UD+

UD+ optical fibre cables

- Outdoor in ducts or direct burial
- Gel filled tube
- Full dielectric armoured using FRP elements
- Standard or laser optimised fibres for extended distances
- Provides rodent protection

Description

LANmark-OF

Application

Nexans UD+ loose tube fibre cables have been designed for applications where a high level of installation, environmental and optical features are required.

The construction is suitable for use outdoor in ducts and for direct burial. It is a full dielectric armouring design providing maximum rodent protection. The dielectric armouring consists of all FRP elements. The tube is gel filled and has a capacity of up to 24 fibres. The cable has a HDPE outer jacket.

Applications support :

- FDDI 100 Mbps
- Ethernet 10 base FL
- Fast Ethernet 100 base FX
- Gbit Ethernet 1000 base SX/LX
- 10Gbit Ethernet 10000 base SX(*)
- Fibre Channel 1.0625 Gbps
- ATM 155 Mbps
- ATM 622 Mbps

Performance

Nexans loose tube fibre cables are available with a choice of fibres which include laser optimised solutions. These allow Gigabit applications to run over extended distances saving considerable expense on active equipment.

Construction

Legend accompanying the cross section drawing:

1. Gel filled tube containing up to 24 individually coloured fibres
2. Dielectric FRP armour :
   from 2 up to 12 fibres : 9 x FRP
   from 14 up to 24 fibres : 10 x FRP
3. PE outer sheath

Operating temperature, range	Storage temperature, range	Ambient installation temperature, range
-30 .. 60 °C	-40 .. 70 °C	0 .. 40 °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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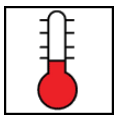
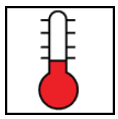
Operating temperature, range
-30 .. 60 °C



Storage temperature, range
-40 .. 70 °C



Ambient installation temperature, range
0 .. 40 °C

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Characteristics

Construction characteristics	
Armour type	FRP Dielectric
Outer sheath	HDPE
Material of filler / inner sheath	Gel
Protection	None
Type of cable	Unitube Dielectric Armoured (UD)
Dimensional characteristics	
Number of tubes	1
Usage characteristics	
Installation type	Outdoor - Direct burial
Rodent protection	High
Operating temperature, range	-30 .. 60 °C
Storage temperature, range	-40 .. 70 °C
Ambient installation temperature, range	0 .. 40 °C

Product List

Nexans ref.	Name	Number of optical fibres	Fiber optic type
N160.705	LANmark-OF1 UD+ 12*MM62.5	12	OM1 62.5/125
N160.700	LANmark-OF1 UD+ 2*MM62.5	2	OM1 62.5/125
N160.711	LANmark-OF1 UD+ 24*MM62.5	24	OM1 62.5/125
N160.701	LANmark-OF1 UD+ 4*MM62.5	4	OM1 62.5/125
N160.702	LANmark-OF1 UD+ 6*MM62.5	6	OM1 62.5/125
N160.703	LANmark-OF1 UD+ 8*MM62.5	8	OM1 62.5/125
N161.705	LANmark-OF1xt UD+ 12*MM62.5	12	OM1 62.5/125 Extended Distance
N161.700	LANmark-OF1xt UD+ 2*MM62.5	2	OM1 62.5/125 Extended Distance
N161.711	LANmark-OF1xt UD+ 24*MM62.5	24	OM1 62.5/125 Extended Distance
N161.701	LANmark-OF1xt UD+ 4*MM62.5	4	OM1 62.5/125 Extended Distance
N161.702	LANmark-OF1xt UD+ 6*MM62.5	6	OM1 62.5/125 Extended Distance
N161.703	LANmark-OF1xt UD+ 8*MM62.5	8	OM1 62.5/125 Extended Distance
N162.705	LANmark-OF2 UD+ 12*MM50	12	OM2 50/125
N162.700	LANmark-OF2 UD+ 2*MM50	2	OM2 50/125
N162.711	LANmark-OF2 UD+ 24*MM50	24	OM2 50/125
N162.701	LANmark-OF2 UD+ 4*MM50	4	OM2 50/125
N162.702	LANmark-OF2 UD+ 6*MM50	6	OM2 50/125
N162.703	LANmark-OF2 UD+ 8*MM50	8	OM2 50/125
N163.705	LANmark-OF2xt UD+ 12*MM50	12	OM2 50/125 Extended Distance
N163.700	LANmark-OF2xt UD+ 2*MM50	2	OM2 50/125 Extended Distance
N163.711	LANmark-OF2xt UD+ 24*MM50	24	OM2 50/125 Extended Distance

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Nexans ref.	Name	Number of optical fibres	Fiber optic type
N163.701	LANmark-OF2xt UD+ 4*MM50	4	OM2 50/125 Extended Distance
N163.702	LANmark-OF2xt UD+ 6*MM50	6	OM2 50/125 Extended Distance
N163.703	LANmark-OF2xt UD+ 8*MM50	8	OM2 50/125 Extended Distance
N165.705	LANmark-OF3 UD+ 12*MM50	12	OM3 50/125
N165.700	LANmark-OF3 UD+ 2*MM50	2	OM3 50/125
N165.711	LANmark-OF3 UD+ 24*MM50	24	OM3 50/125
N165.701	LANmark-OF3 UD+ 4*MM50	4	OM3 50/125
N165.702	LANmark-OF3 UD+ 6*MM50	6	OM3 50/125
N165.703	LANmark-OF3 UD+ 8*MM50	8	OM3 50/125
N166.705	LANmark-OF3xt UD+ 12*MM50	12	OM3 50/125 extended distance
N166.700	LANmark-OF3xt UD+ 2*MM50	2	OM3 50/125 extended distance
N166.711	LANmark-OF3xt UD+ 24*MM50	24	OM3 50/125 extended distance
N166.701	LANmark-OF3xt UD+ 4*MM50	4	OM3 50/125 extended distance
N166.702	LANmark-OF3xt UD+ 6*MM50	6	OM3 50/125 extended distance
N166.703	LANmark-OF3xt UD+ 8*MM50	8	OM3 50/125 extended distance
N164.705	LANmark-OFsm UD+ 12*SM	12	SingleMode 9/125
N164.700	LANmark-OFsm UD+ 2*SM	2	SingleMode 9/125
N164.711	LANmark-OFsm UD+ 24*SM	24	SingleMode 9/125
N164.701	LANmark-OFsm UD+ 4*SM	4	SingleMode 9/125
N164.702	LANmark-OFsm UD+ 6*SM	6	SingleMode 9/125
N164.703	LANmark-OFsm UD+ 8*SM	8	SingleMode 9/125

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