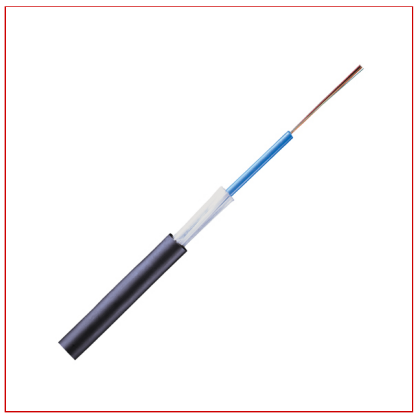
Cables - LANmark-OF UD

UD optical fibre cables

- Outdoor in ducts or direct burial
- Gel filled tube
- Full dielectric armour
- Standard or laser optimised fibres for extended distances
- Provides rodent resistance

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 rodent resistance. The dielectric armouring consists of half FRP elements and half fillers. 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.

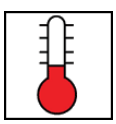
Construction

Legend accompanying the cross section drawing:

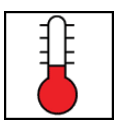
1. Gel filled tube containing up to 24 individually coloured fibres
2. Dielectric FRP armour :
   from 2 up to 12 fibres : 4 x FRP and 5 fillers
   from 14 up to 24 fibres : 5 x FRP and 5 fillers
3. PE outer sheath

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

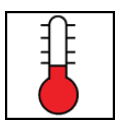
Contact
Structured Cabling
20 Harbour Drive
#07-03 PSA Vista
117612
Singapore
Phone: +65 63170 101
Fax: +65 63170 103/04
ron.lim@nexans.com, johnny.low@nexans.com



Operating temperature, range
-30 .. 60 °C



Storage temperature, range
-40 .. 70 °C



Ambient installation temperature, range
0 .. 40 °C

Cables - LANmark-OF UD

Characteristics

Construction characteristics	
Armour type	FRP Dielectric
Outer sheath	HDPE
Material of filler / inner sheath	Gel
Protection	Water swellable yarns
Type of cable	Unitube Dielectric Armoured (UD)
Dimensional characteristics	
Number of tubes	1
Usage characteristics	
Installation type	Outdoor - Direct burial
Rodent protection	Medium
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
N160.685	LANmark-OF1 UD 12*MM62.5	12	OM1 62.5/125
N160.680	LANmark-OF1 UD 2*MM62.5	2	OM1 62.5/125
N160.691	LANmark-OF1 UD 24*MM62.5	24	OM1 62.5/125
N160.681	LANmark-OF1 UD 4*MM62.5	4	OM1 62.5/125
N160.682	LANmark-OF1 UD 6*MM62.5	6	OM1 62.5/125
N160.683	LANmark-OF1 UD 8*MM62.5	8	OM1 62.5/125
N161.685	LANmark-OF1xt UD 12*MM62.5	12	OM1 62.5/125 Extended Distance
N161.680	LANmark-OF1xt UD 2*MM62.5	2	OM1 62.5/125 Extended Distance
N161.691	LANmark-OF1xt UD 24*MM62.5	24	OM1 62.5/125 Extended Distance
N161.681	LANmark-OF1xt UD 4*MM62.5	4	OM1 62.5/125 Extended Distance
N161.682	LANmark-OF1xt UD 6*MM62.5	6	OM1 62.5/125 Extended Distance
N161.683	LANmark-OF1xt UD 8*MM62.5	8	OM1 62.5/125 Extended Distance
N162.685	LANmark-OF2 UD 12*MM50	12	OM2 50/125
N162.680	LANmark-OF2 UD 2*MM50	2	OM2 50/125
N162.691	LANmark-OF2 UD 24*MM50	24	OM2 50/125
N162.681	LANmark-OF2 UD 4*MM50	4	OM2 50/125
N162.682	LANmark-OF2 UD 6*MM50	6	OM2 50/125
N162.683	LANmark-OF2 UD 8*MM50	8	OM2 50/125
N163.685	LANmark-OF2xt UD 12*MM50	12	OM2 50/125 Extended Distance
N163.680	LANmark-OF2xt UD 2*MM50	2	OM2 50/125 Extended Distance
N163.691	LANmark-OF2xt UD 24*MM50	24	OM2 50/125 Extended Distance
N163.681	LANmark-OF2xt UD 4*MM50	4	OM2 50/125 Extended Distance

Cables - LANmark-OF UD

Nexans ref.	Name	Number of optical fibres	Fiber optic type
N163.682	LANmark-OF2xt UD 6*MM50	6	OM2 50/125 Extended Distance
N163.683	LANmark-OF2xt UD 8*MM50	8	OM2 50/125 Extended Distance
N165.685	LANmark-OF3 UD 12*MM50	12	OM3 50/125
N165.680	LANmark-OF3 UD 2*MM50	2	OM3 50/125
N165.691	LANmark-OF3 UD 24*MM50	24	OM3 50/125
N165.681	LANmark-OF3 UD 4*MM50	4	OM3 50/125
N165.682	LANmark-OF3 UD 6*MM50	6	OM3 50/125
N165.683	LANmark-OF3 UD 8*MM50	8	OM3 50/125
N166.685	LANmark-OF3xt UD 12*MM50	12	OM3 50/125 extended distance
N166.680	LANmark-OF3xt UD 2*MM50	2	OM3 50/125 extended distance
N166.691	LANmark-OF3xt UD 24*MM50	24	OM3 50/125 extended distance
N166.681	LANmark-OF3xt UD 4*MM50	4	OM3 50/125 extended distance
N166.682	LANmark-OF3xt UD 6*MM50	6	OM3 50/125 extended distance
N166.683	LANmark-OF3xt UD 8*MM50	8	OM3 50/125 extended distance
N164.685	LANmark-OFsm UD 12*SM	12	SingleMode 9/125
N164.680	LANmark-OFsm UD 2*SM	2	SingleMode 9/125
N164.691	LANmark-OFsm UD 24*SM	24	SingleMode 9/125
N164.681	LANmark-OFsm UD 4*SM	4	SingleMode 9/125
N164.682	LANmark-OFsm UD 6*SM	6	SingleMode 9/125
N164.683	LANmark-OFsm UD 8*SM	8	SingleMode 9/125