

Tight Buffer optical fibre cables

- Designed for direct termination on ST, SC or MT-RJ connectors
- Suitable for indoor and outdoor use in risers or ducts
- Up to 24 fibre capacity
- Available in all fibre grades

Description

Application

LANmark-OF Tight Buffered optical fibre cables have been designed for applications where a high level of installation, environmental and optical performance is required. The tight buffered range is most suitable where direct termination is required

The majority of the tight buffered cables are suitable for both internal & external environments and are all dielectric with excellent flame retardance

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

(*) in accordance with IEEE 802.3ae

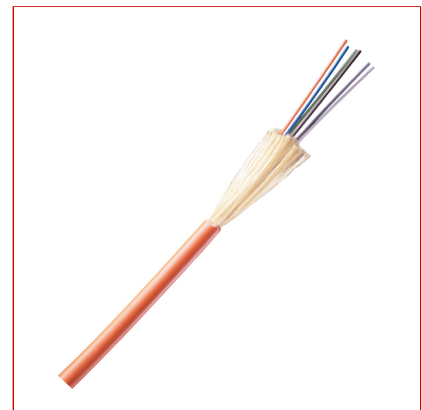
Performance

LANmark-OF Tight Buffered optical fibre cables are available with standard multimode & singlemode fibres whilst the LANmark-OFxt ranges are supplied with Laser Optimised multimode fibres offering extended application distances for Gigabit Ethernet.


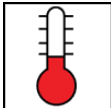
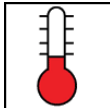
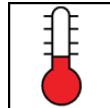
Construction

Legend accompanying the cross section drawing:

1. 900 μ m tight buffered fibre
2. Aramid yarns reinforcement
3. Flame retardant halogen free outer sheath



LANmark-OF

			
<p>Flame retardant IEC 60332 Part 3 Cat. C</p>	<p>Ambient installation temperature, range 0 .. 40 °C</p>	<p>Operating temperature, range -20 .. 60 °C</p>	<p>Storage temperature, range -30 .. 70 °C</p>

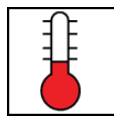
Cables - LANmark-OF TB LSZH

Contact

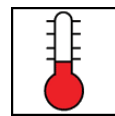
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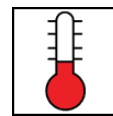
Flame retardant
IEC 60332 Part 3 Cat. C



Ambient installation temperature,
range
0 .. 40 °C



Operating temperature, range
-20 .. 60 °C



Storage temperature, range
-30 .. 70 °C

Characteristics

Construction characteristics

Type of cable	Tight Buffered (TB)
Armour type	Unarmoured
Material of filler / inner sheath	Aramid yarn
Outer sheath	LSZH

Usage characteristics

Installation type	Indoor/Outdoor
Flame retardant	IEC 60332 Part 3 Cat. C
Rodent protection	No
Ambient installation temperature, range	0 .. 40 °C
Operating temperature, range	-20 .. 60 °C
Storage temperature, range	-30 .. 70 °C

Product List

Nexans ref.	Name	Fiber optic type	Number of optical fibres
N160.025	LANmark-OF1 TB LSZH 12*MM62,5	OM1 62.5/125	12
N160.020	LANmark-OF1 TB LSZH 2*MM62,5	OM1 62.5/125	2
N160.031	LANmark-OF1 TB LSZH 24*MM62,5	OM1 62.5/125	24
N160.021	LANmark-OF1 TB LSZH 4*MM62,5	OM1 62.5/125	4
N160.022	LANmark-OF1 TB LSZH 6*MM62,5	OM1 62.5/125	6
N160.023	LANmark-OF1 TB LSZH 8*MM62,5	OM1 62.5/125	8
N161.025	LANmark-OF1xt TB LSZH 12*MM62,5	OM1 62.5/125 Extended Distance	12
N161.020	LANmark-OF1xt TB LSZH 2*MM62,5	OM1 62.5/125 Extended Distance	2
N161.031	LANmark-OF1xt TB LSZH 24*MM62,5	OM1 62.5/125 Extended Distance	24
N161.021	LANmark-OF1xt TB LSZH 4*MM62,5	OM1 62.5/125 Extended Distance	4
N161.022	LANmark-OF1xt TB LSZH 6*MM62,5	OM1 62.5/125 Extended Distance	6
N161.023	LANmark-OF1xt TB LSZH 8*MM62,5	OM1 62.5/125 Extended Distance	8
N162.025	LANmark-OF2 TB LSZH 12*MM50	OM2 50/125	12
N162.020	LANmark-OF2 TB LSZH 2*MM50	OM2 50/125	2
N162.031	LANmark-OF2 TB LSZH 24*MM50	OM2 50/125	24
N162.021	LANmark-OF2 TB LSZH 4*MM50	OM2 50/125	4
N162.022	LANmark-OF2 TB LSZH 6*MM50	OM2 50/125	6
N162.023	LANmark-OF2 TB LSZH 8*MM50	OM2 50/125	8
N163.025	LANmark-OF2xt TB LSZH 12*MM50	OM2 50/125 Extended Distance	12

Cables - LANmark-OF TB LSZH

Nexans ref.	Name	Fiber optic type	Number of optical fibres
N163.020	LANmark-OF2xt TB LSZH 2*MM50	OM2 50/125 Extended Distance	2
N163.031	LANmark-OF2xt TB LSZH 24*MM50	OM2 50/125 Extended Distance	24
N163.021	LANmark-OF2xt TB LSZH 4*MM50	OM2 50/125 Extended Distance	4
N163.022	LANmark-OF2xt TB LSZH 6*MM50	OM2 50/125 Extended Distance	6
N163.023	LANmark-OF2xt TB LSZH 8*MM50	OM2 50/125 Extended Distance	8
N165.025	LANmark-OF3 TB LSZH 12*MM50	OM3 50/125	12
N165.020	LANmark-OF3 TB LSZH 2*MM50	OM3 50/125	2
N165.031	LANmark-OF3 TB LSZH 24*MM50	OM3 50/125	24
N165.021	LANmark-OF3 TB LSZH 4*MM50	OM3 50/125	4
N165.022	LANmark-OF3 TB LSZH 6*MM50	OM3 50/125	6
N165.023	LANmark-OF3 TB LSZH 8*MM50	OM3 50/125	8
N166.025	LANmark-OF3xt TB LSZH 12*MM50	OM3 50/125 extended distance	12
N166.020	LANmark-OF3xt TB LSZH 2*MM50	OM3 50/125 extended distance	2
N166.031	LANmark-OF3xt TB LSZH 24*MM50	OM3 50/125 extended distance	24
N166.021	LANmark-OF3xt TB LSZH 4*MM50	OM3 50/125 extended distance	4
N166.022	LANmark-OF3xt TB LSZH 6*MM50	OM3 50/125 extended distance	6
N166.023	LANmark-OF3xt TB LSZH 8*MM50	OM3 50/125 extended distance	8
N164.025	LANmark-OFsm TB LSZH 12*SM	SingleMode 9/125	12
N164.020	LANmark-OFsm TB LSZH 2*SM	SingleMode 9/125	2
N164.031	LANmark-OFsm TB LSZH 24*SM	SingleMode 9/125	24
N164.021	LANmark-OFsm TB LSZH 4*SM	SingleMode 9/125	4
N164.022	LANmark-OFsm TB LSZH 6*SM	SingleMode 9/125	6
N164.023	LANmark-OFsm TB LSZH 8*SM	SingleMode 9/125	8