

LANmark-OF Tight Buffer Universal Dca

LANmark-OF Tight Buffer Universal 12x Multimode 50/125 OM4 LSZH Aqua

Kontakt

Nexans Cabling Solutions
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Nexans ref.: N167.TBUN12A

LANmark-OF TBU 12x Multimode 50/125 OM4 LSZH Aqua

BESKRIVELSE

Description and Application

The LANmark-OF Tight Buffer Universal cable is a fibre cable that can be used indoor and outdoor in a duct.

It complies with the indoor fire requirements and can be installed indoor both vertically and horizontally.

The LANmark-OF Tight Buffer Universal can also be used for outdoor installation in a duct: the water tight glass yarns make the cables fully waterproof and rodent retardant.

The LANmark-OF Tight Buffer Universal cable has 900 um buffered fibres. This second coating till 900 um provides additional protection of the fibres and facilitates the handling when terminating the fibres in a patch panel. The easy strip tight buffer design allows stripping the fibre over 10 cm in one action.

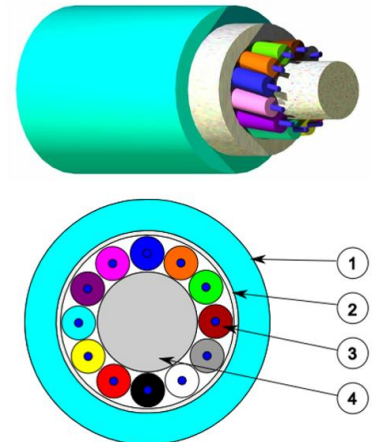
The LANmark-OF Tight Buffer Universal is most suitable for direct termination by either anaerobic or hot melt connectors. The tight buffered fibres can also be terminated with splicing of pigtailed.

Tight buffer cables are available in Aqua for OM3 and OM4 and Yellow for singlemode. High exposure to UV radiation and sunlight could lead to fading of the Aqua and Yellow jacket, but the mechanical integrity of the cable jacket will be maintained.

Construction

Legend accompanying the cross section drawing:

1. LSZH outer sheath with UV resistant additive
2. Watertight glass yarns
3. Optical fibres (900 um)
4. Central strength element



LANmark-OF

YTELSESERKLÆRING

Brannklasse: Dca-s1,d0,a1
i henhold til EN50575:2014
+A1:2016

STANDARER

Internasjonal ISO/IEC 11801



Brannklasse
Dca-s1,d0,a1



Motstandsevne støt
10 impacts of 3
N.m



Flammehemmende
IEC 60332-1



Brannbegrensende
IEC 60332-3



Korrosive gasser
IEC 60754-1, IEC
60754-2



Static bending rad.
70 mm



Min. dynamic
operating bending
rad.
100,0 mm



Ambient installation
T°C range
0 .. 40 °C

Alle tegninger, design, spesifikasjoner, planer og informasjon om vekt, størrelse og dimensjoner i Nexans' tekniske eller kommersielle dokumentasjon er omtrentlig og er ikke bindende fra Nexans' side.

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Characteristics

- Designed for direct termination and splicing
- Dielectric design
- Indoor cable for horizontal and vertical installations
- Fire performance compliant with IEC 60332-1, IEC 60332-3, NFC 32070 C2, and NFC 32070 C1
- Outdoor cable for installation in a duct
- Fully waterproof
- Rodent retardant
- UV resistant
- Available in SM, OM3 and OM4
- Available in 2-24 fibres

EGENSKAPER

Konstruksjonsegenskaper

Fibertype	OM4 50/125
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Dimensjonsegenskaper

Antall optiske fibre	12
Nominell ytre diameter	6,5 mm
Vekt (ca.)	47 kg/km

Mekaniske egenskaper

Maximum pulling force (IEC 60794-1-2-E1)	1000 N
Maximum operating pulling force	300 N
Motstand mot sammenpressing (IEC 794-1)	100 N/cm
Motstandsevne støt	10 impacts of 3 N.m

Bruksegenskaper

Flammehemmende	IEC 60332-1
Brannbegrensende	IEC 60332-3
Korrosive gasser	IEC 60754-1, IEC 60754-2
Min. statisk bøyeradius	70 mm
Min dynamisk bøyeradius	100,0 mm
Temperaturområde under installasjon	0 .. 40 °C
Driftstemperatur område	-40 .. 70 °C
Lagringstemperatur område	-40 .. 70 °C
Irriterende avgasser	IEC 61034



Brannklasse
Dca-s1,d0,a1



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