

# LANmark-OF Tight Buffer Universal Dca

LANmark-OF Tight Buffer Universal 4x Multimode 50/125 OM3 LSZH Aqua

## Kontakt

Nexans Cabling Solutions  
firmapost@nexans.com

Nexans ref.: N165.TBUN04A

LANmark-OF TBU 4x Multimode 50/125 OM3 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.

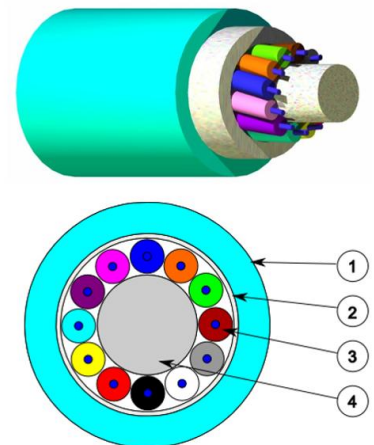
The LANmark-OF Tight Buffer Universal is most suitable for direct termination by either anaerobic or hot melt connectors. The tight buffered fibres can also be terminated with splicing of pigtails.

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.  
55 mm



Min. dynamic  
operating bending  
rad.  
85,0 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 OM3 50/125

### Dimensjonsegenskaper

Antall optiske fibre 4

Nominell ytre diameter 5,3 mm

Vekt (ca.) 33 kg/km

### Mekaniske egenskaper

Maximum pulling force (IEC 60794-1-2-E1) 700 N

Maximum operating pulling force 200 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 55 mm

Min dynamisk bøyeradius 85,0 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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