

LANmark-OF Micro-Bundle Universal (4F-12F)

Dca

LANmark-OF Micro-Bundle Universal 12x Multimode 50/125 OM4 LSZH
Dca s1d0a1 Black

Kontakt

Nexans Cabling Solutions
firmapost@nexans.com

Nexans ref.: N167.MBUN12

- Micro-Bundle Universal optical fibre cable
- Indoor cable and outdoor installation in a duct
- Fully waterproof and rodent retardant
- Designed for splicing with pigtails
- 4-12 fibres and available in all fibre grades

BESKRIVELSE

Description and Application

The new Micro-Bundle technology from Nexans allows to manufacture a very flexible and small tube that is the central part of the new "LANmark-OF Micro-Bundle Universal" cable design. This results in a small, flexible, but mechanical robust cable. The central tube contains up till 12 fibres with a fibre diameter of 250 µm. Termination of these fibres is done with splicing with pigtails.

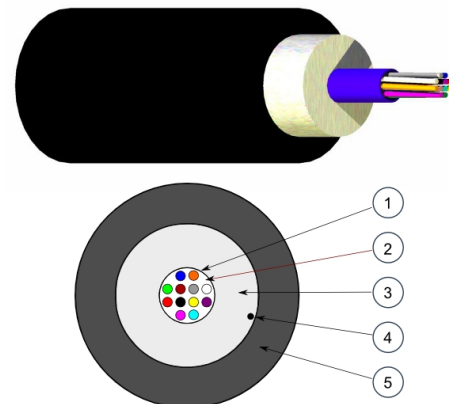
The small bending radius of the Micro-Bundle makes the cable easy to arrange in patch panels and for installations in data centres and backbones.

The watertight glass yarns and the very limited amount of gel inside the tube makes this cable design watertight and suitable for installation outdoor in a duct by pulling.

The fire performance of the LANmark-OF Micro-Bundle Universal allows indoor installation as well. Since there is no drip effect of the very limited amount of gel the cable is optimised for both horizontal and vertical installations.

Construction

1. Central Micro-Bundle
2. Optical fibres (250 µm)
3. Reinforced watertight glass yarns
4. Ripcord
5. LSZH outer jacket with UV resistant additive



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
1 impact of 3 N.m



Flammehemmende
IEC 60332-1



Brannbegrensende
IEC 60332-3



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



Operating temp.
-20 .. 60 °C



Lagringstemperatur
område
-40 .. 60 °C



Static bending rad.
60 mm

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.

Generert 12.11.20 www.nexans.no Side 1 / 3

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Characteristics

- Indoor cable for horizontal and vertical installation
- Outdoor cable for installation in a duct
- Designed for termination by splicing
- Central Micro-Bundle design for easy installation
- All dielectric
- Waterproof structure, Rodent retardant and UV-resistant
- Flame retardant (IEC 60332-1) and fire retardant (IEC 60332-3)
- Available in all fibre grades and from 4-12 fibres
- Gas Toxicity (IEC 60754) and Smoke Density (IEC61034)



Brannklasse
Dca-s1,d0,a1



Motstandsevne støt
1 impact of 3 N.m



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EGENSKAPER

Konstruksjonsegenskaper

Fibertype	OM4 50/125
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Dimensjonsegenskaper

Antall optiske fibre	12
Nominell ytre diameter	6,0 mm
Vekt (ca.)	45 kg/km

Mekaniske egenskaper

Maximum pulling force (IEC 60794-1-2-E1)	2200 N
Maximum operating pulling force	700 N
Motstand mot sammenpressing (IEC 794-1)	200 N/cm
Motstandsevne stød	1 impact of 3 N.m

Bruksegenskaper

Flammehemmende	IEC 60332-1
Brannbegrensende	IEC 60332-3
Temperaturområde under installasjon	0 .. 40 °C
Driftstemperatur område	-20 .. 60 °C
Lagringstemperatur område	-40 .. 60 °C
Min. statisk bøyeradius	60 mm
Min dynamisk bøyeradius	60,0 mm
Røyktetthet	IEC 61034
Korrosive gasser	IEC 60754-1, IEC 60754-2