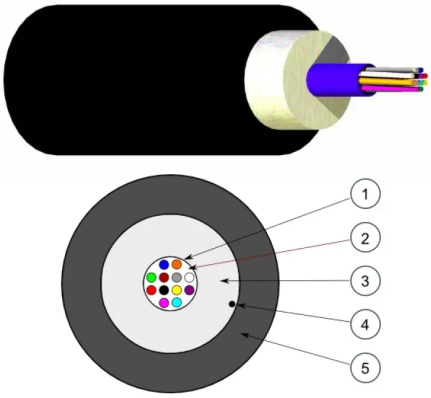
LANmark-OF Micro-Bundle Universal (6F-12F) Dca

LANMARK-OF MICRO-BUNDLE UNIVERSAL 6X MULTIMODE 50/125 OM3 LSZH DCA S1D0A1 BLACK

Aginode Ref: N165.MBUN06

- 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



STANDARDS

ISO/IEC 11801

Description and Application

The new Micro-Bundle technology from Aginode 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 um. 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

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)

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Characteristics

Construction characteristics	
Fiber optic type	OM3 50/125
Dimensional characteristics	
Approximate weight	44 kg/km
Number of optical fibres	6
Nominal outer diameter	6.0 mm
Mechanical characteristics	
Mechanical resistance to impacts	1 impact of 3 N.m
Maximum operating pulling force	700 N
Maximum pulling force (IEC 60794-1-2-E1)	2200 N
Crush resistance (IEC 60794-1-E3)	200 N/cm
Usage characteristics	
Gases corrosivity	IEC 60754-1; IEC 60754-2
Operating temperature, range	-20...60 °C
Fire retardant	IEC 60332-3
Minimum dynamic operating bending radius	60.0 mm
Minimum static operating bending radius	60 mm
Flame retardant	IEC 60332-1
Smoke density	IEC 61034
Storage temperature, range	-40...60 °C
Ambient installation temperature, range	0...40 °C

Declaration of Performance

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