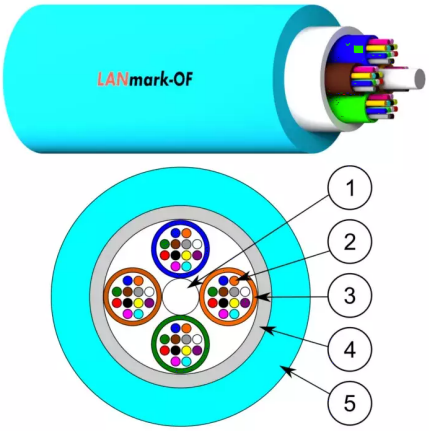
LANmark-OF Micro-Bundle Universal (24F-96F) Cca

- Micro-Bundle Universal optical fibre cable with High Level of Fire Performance
- Reaction to fire Cca according to EN50575:2014+A1:2016
- Indoor cable and outdoor installation in a duct
- Fully waterproof and rodent resistant
- Small, but mechanical strong cable
- Designed for splicing with pigtails
- 24-48-96 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 flexible and small tube. This Micro-Bundle is the central part of the new “LANmark-OF Micro-Bundle Universal” cable design. Each Micro-Bundle contains 12 fibres with a fibre diameter of 250 um. Termination of these fibres is done with splicing with pigtails.

Several Micro-Bundles are arranged around a central strength element. The combination of the Micro-Bundle technology, the central strength element and the glass yarns result in a mechanical robust, but also in a small and flexible cable.
The small bending radius of the LANmark-OF Micro-Bundle Universal makes the cable easy to arrange in patch panels, in cable trays and in ducts.

The watertight glass yarns and the very limited amount of gel inside the tube make the LANmark-OF Micro-Bundle Universal design watertight, rodent resistant and suitable for installation outdoor in a duct by pulling.

The LANmark-OF Micro-Bundle Universal complies with the indoor fire requirements. Since there is no drip effect of the very limited amount of gel the cable is optimised for both horizontal and vertical installations.

Construction

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Aginode is indicative only and shall not be binding on Aginode or be treated as constituting a representation on the part of Aginode.

Legend accompanying the cross section drawing:

1. Central strength element
2. Optical fibre (250 µm)
3. Micro-Bundle with 12 fibres
4. Reinforced watertight glass yarns
5. Outer sheath in LSZH material with UV resistant additive

Characteristics

- Micro-Bundle design for easy installation
- Indoor cable for horizontal and vertical installations
- Flame retardant (IEC 60332-1)
- Fire retardant (IEC 60332-3)
- Outdoor cable for installation in a duct
- Waterproof structure, rodent resistant and UV-resistant
- All dielectric design
- Designed for termination by splicing
- 12 fibres per Micro-Bundle
- Available in all fibre grades
- Gas Toxicity (IEC 60754) and Smoke Density (IEC61034)
- Reaction fo fire: Cca according to EN50575:2014 +A1:2016
- Sheath Color: Aqua (OM3-OM4), Violet (OM4), Lime Green (OM5), Yellow (OS2)

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CHARACTERISTICS

Construction characteristics

Fiber optic type	OM4 50/125

Dimensional characteristics

Number of optical fibres	48

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Product list

	Aginode ref.	Country ref.	名前
	N164.MBUN48-YC	-	LANmark-OF Micro-Bundle Universal 48x Singlemode 9/125 OS2 LSZH Cca Yellow
	N167.MBUN48-VC	-	LANmark-OF Micro-Bundle Universal 48x Multimode 50/125 OM4 LSZH Cca Violet

= Make to order, = In Stock

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