LANmark-OF MMR Pre-Term Euroclass B2ca

LANMARK-OF MMR PRE-TERM SM X96F LC/APC(900MM)-LC(900MM) FAN OUT E XXXM LSZH B2CA YELLOW

Aginode Ref: N154.MRD096PLExxx-YB

- Factory terminated LC/LC and tested assembly
- Pre-Term for Meet-Me Room (MMR) and Datacenters cabinet connectivity
- Fibre count: 96F
- Fibre type: singlemode (OS2) MiniCore Universal cable
- Small cable diameter reduces required data centre space



STANDARDS

ISO/IEC 11801

Overview

The assembly consists of a MiniCore Universal B2ca cable terminated with **LC**/ **LC connectors** on each side in a factory.

Pre-Term solution for Meet-Me Rooms (MMRs), data centres and LAN environments based on MiniCore Universal B2ca.

The MiniCore cable combines **high fibre density**, a **compact outer diameter** and an **excellent bend radius**, making it ideal for high-density backbone and cross-connect applications where installation space is limited.

The cable is **water-blocked** and **rodent resistant** thanks to its glass yarn construction. It is suitable for installation inside buildings as well as for inter-building campus links.

Fire performance

The assembly is based on MiniCore Universal B2ca cable, tested according to the Construction Products Regulation EN 50575:2014+A1:2016.

The cable achieves a B2ca CPR classification, providing excellent fire performance with limited flame propagation, smoke emission, flaming droplets and acidity for installations requiring the highest level of fire safety.

It also complies with: IEC 60332-1 – Flame propagation and IEC 60332-3 – Fire propagation

Pre-Term characteristics

The **LANmark-OF MMR Pre-Term** features a robust dual-stage fan-out architecture specifically developed for high-density fibre management.

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.

Each 96-**fibre assembly** is organised into 8 **reinforced 12-fibre MiniCore bundles**, which are subsequently distributed into **900 µm buffered fibres** for direct termination into **MMR**, **Datacenetrs, ENSPACE/ XPLORER** panels.

Factory-terminated **LC connectors** ensure consistent optical performance while significantly reducing installation time and eliminating on-site termination.

To facilitate installation, the assembly includes:

- Reinforced aramid fan-out construction for improved mechanical strength.
- Individually protected 12-fibre connector groups for easy identification and handling.
- Protective transport foam around the fan-out section.

The assembly is supplied with cable glands adapted to the panel type, including a dedicated solution for **Meet Me Room side** installation.

Each Pre-Term is manufactured to the required length in **1 m increments**, minimizing cable slack and improving cable management in high-density environments.

Every **LANmark-OF MMR Pre-Term** assembly is factory terminated, individually tested and delivered ready for immediate installation, ensuring reliable optical performance and rapid deployment.

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Characteristics

구조적 특성	
Fiber optic type	SM (G657.A1)
치수	
Approximate net weight	92 kg
Nominal outer diameter (mm)	7.0 mm
Number of optical fibres	96
기계적 특성	
Crush resistance (IEC 60794-1-E3)	300 N/100mm
사용 특성	
Ambient dynamic operating temperature, range	-10 .. 70 °C
Ambient installation temperature, range	-5 .. 50 °C
Fire retardant	IEC 60332-3-22
난연	IEC 60332-1
Minimum static operating bending radius	90 mm
Storage temperature, range	-25 .. 70 °C

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