

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

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.



STANDARDS

ISO/IEC 11801

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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/ XPLOER** 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.

LANmark-OF MMR Pre-Term SM x96F LC/APC(900µm)- LC(900µm) fan out E xxxm LSZH B2ca Yellow

Characteristics

Construction characteristics

Fiber optic type	SM (G657.A1)
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Dimensional characteristics

Approximate net weight	92 kg
Nominal outer diameter (mm)	7.0 mm
Number of optical fibres	96

Mechanical characteristics

Crush resistance (IEC 60794-1-E3)	300 N/100mm
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Usage characteristics

Ambient dynamic operating temperature, range	-10 .. 70 °C
Ambient installation temperature, range	-5 .. 50 °C
Fire retardant	IEC 60332-3-22
Flame retardant	IEC 60332-1
Minimum static operating bending radius	90 mm
Storage temperature, range	-25 .. 70 °C