

# LANmark-OF MPO-MPO Pre-Term OFNP Method C APAC

LANMARK-OF METHOD C MPO/M-MPO/M PRE-TERM MM OM3 96C OFNP XXXM AQUA PULLING EYE ONE SIDE

**Aginode Ref:** N145.CU96LAXxx-PA

- Factory terminated MPO-MPO fibre assembly
- Flexible fan-out for ease of installation in patch panel
- Small cable diameter reduces required data centre space
- Method C polarity Pre-Term
- Only one type of patch cords and one type of cassettes required for duplex transmission
- Fibre count: 96F
- Fibre type: MultiMode OM3

## Pre-Term for data centres, buildings and campus based on Micro-Bundle.

The cable has a small diameter and bend radius to meet data centre requirements.

### Fire performance

The cables have been tested for fire performance according to Plenum rated, providing a very high fire performance with minimal fire load and can be used in air flow space.

### MPO-MPO Pre-Term characteristics

The MPO-MPO Pre-Term has standard pinned (male) connectors. This matches with the un-pinned (female) connectors in the female Plug&Play modules.

The "xxx" in the N-number is the length in meter between the cable glands, i.e. the Pre-Term length between the back side of the patch panels.

After the cable gland the Pre-Term has a fan-out. The fan-out splits the cable into tubes. The tubes are reinforced with aramid yarns.

The pulling eye provides minimum 450N installation tension. Prefabricated pulling eye is available with this MPO pre-term.

The MPO-MPO Pre-Terms come with a PG-13 cable gland that fits into the LANmark-OF Plug&Play patch panel slots.

### Optical Performance and Polarity

The insertion loss for a multimode the MPO-MPO connection has Low Loss performance: typical insertion loss is 0,2 dB with



## STANDARDS

ISO/IEC 11801

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a maximum of 0,35 dB insertion loss. The insertion loss of a MPO-MPO connection is measured according to standard IEC61300-3-45.

The minimum return loss for a multimode MPO connection is 20 dB measured according to IEC 61300-3-6.

The method C Pre-Term has a pair flip key up / key down design. This is in agreement with standard TIA-568.3-D-2016 method C.

# LANmark-OF METHOD C MPO/M-MPO/M Pre-Term MM OM3 96c OFNP xxxM Aqua pulling eye one side

## Characteristics

### 구조적 특성

Fiber optic type OM3 50/125

### 치수

Number of optical fibres 96

Nominal outer diameter (mm) 10.0 mm

### 기계적 특성

Mechanical resistance to impacts 10 impacts of 3 N.m

Crush resistance (IEC 60794-1-E3) 100 N/cm

Maximum installation tension 1000 N

### Transmission characteristics

Insertion Loss, maximum, dB 0.35 dB

Return Loss, Minimum, dB 20 dB

### 사용 특성

操作温度范围 -20...60 °C

Minimum dynamic operating bending radius 20 (xD)

Minimum bending radius, static (XD) 10