LANmark-OF MPO-MPO预端接光缆 OFNP C极性

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

STANDARDS

ISO/IEC 11801

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

The cable has a small diameter and bend raduis 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

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.

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Characteristics

结构特性	
光纤类型	OM3 50/125
尺寸特性	
光纤数	96
标称外径	10.0 mm
机械特性	
机械耐冲击性能	10次冲击/ 3N.M
耐挤压 (IEC 794-1-E3)	100 N/cm
最大安装拉力	1000 N
传输特性	
最大插入损耗，dB	0.35 dB
最小回波损耗，dB	20 dB
使用特性	
操作温度，范围	-20...60 °C
最小弯曲半径 - 动态	20 (xD)
最小弯曲半径 - 静态（XD）	10