

LANmark-OF Pigtailed Maxistrip

LANmark-OF Pigtail LC OM4 Maxistrip LSZH 50/125 1m Aqua

Nexans ref.: [N121.7MLA](#)

- Factory terminated fibre assembly
- Maxistrip pigtail: up to 100cm stripping in one action
- Insertion loss per connection without splice: typical 0,1 dB; 0.25 dB maximum
- 100 % factory tested
- Compatible with LANmark-OF splice cassette with heat shrink and Aluminium protectors.

DESCRIPTION

Pigtail characteristics

- Fibre assembly to terminate cable with fusion splicing
- Suitable for use in patch panels using splice cassettes.
- The pigtailed cables can be stripped in one action over a long distance up to 100cm.

Fibre type

- The LANmark-OF OM4 pigtailed cables have LANmark-OF OM4 **GIGAliteFLEX** fibre inside. This bend insensitive multimode fibre has a small bend radius of 7,5 mm and is compliant to IEC 60793-2-10, fibre model A1a.3b. The pigtail jacket is Aqua.

Compatibility and installation practices

- Maxistrip pigtailed cables are compatible with heat shrink splice cassettes (N890.090 and N890.095) with heat shrink protectors (N890.021).
- Maxistrip pigtailed cables are compatible with splice cassettes (N890.091 and N890.096) with Aluminium protectors (N890.021).
- Maxistrip pigtailed cables are recommended to be used with loose tube cables or Micro-Bundle cables, i.e. with 250 um fibres. When using tight buffer cables (900 um fibres) additional stress on the maxistrip pigtailed cables should be limited as much as possible
- For proper alignment in the fusion splice tool the pigtail is fixed on the 250 um coating after stripping the 900 um coating. Fixing the pigtail on the 900 um coating will lead to improper alignment.
- In addition the pigtail needs to be stripped till the cladding around the splice area before insertion in the splice tool.

Guarantees

Nexans LANmark-OF pigtailed cables are covered by Nexans warranty as described in the General Terms and Conditions.



LANmark-OF

STANDARDS

International ISO/IEC 11801

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CHARACTERISTICS

Construction characteristics

Connector type	LC
Fiber optic type	OM4 50/125

Transmission characteristics

Insertion Loss, maximum, dB	0.25 dB
Return Loss, Minimum, dB	30 dB

MACROBENDING LOSS MULTIMODE

	850nm	1300nm
100 turns on a 37,5 mm radius mandrel	≤ 0,5 dB	≤ 0,5 dB
2 turns on a 15 mm radius mandrel	≤ 0,1 dB	≤ 0,3 dB
2 turns on a 7,5 mm radius mandrel	≤ 0,2 dB	≤ 0,5 dB