

LANmark-OF Pigtailed Tight Buffer Set of 12 Colours

LANmark-OF Pigtail LC/UPC Singlemode Tight Buffer LSZH 9/125 1m
12 Colours

Nexans ref.: [N121.4TLS](#)

- Factory terminated fibre assembly
- Tight Buffer pigtail: 1-2cm stripping in one action
- Set of 12 pigtailed with different jacket colours
- 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 protectors.

DESCRIPTION

Pigtail set characteristics

- Fibre assembly to terminate cable with fusion splicing
- Suitable for use in patch panels using splice cassettes
- The pigtailed can be stripped in one action over a distance of 1-2cm
- Jacket colours match fibre colours according to TIA/EIA-598-B
- Jacket colours: Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Turquoise
- 12 pigtailed on a cardboard and wrapped in a bubblefoam

Fibre type

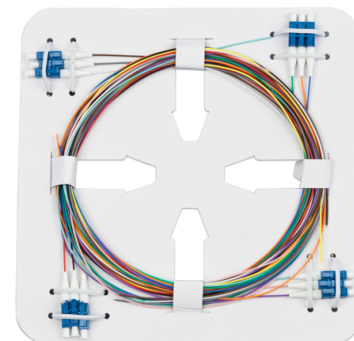
- The LANmark-OF OM3 pigtailed have LANmark-OF OM3 **GIGAliteFLEX** fibre inside. This bend insensitive multimode fibre has a small bend radius of 7,5 mm and is compliant to IEC 60793-2-10, fibre model A1a.2b. The pigtail jacket is Aqua.
- The LANmark-OF OM4 pigtailed have LANmark-OF OM4 **GIGAliteFLEX** 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.
- The LANmark-OF SM pigtailed have LANmark-OF SM **GIGAliteFLEX** fibre inside. These fibres are bend insensitive and compliant to ITU-T G.657.A1 and to IEC 60793-2-50, fibre model B6.a1. The pigtail jacket of the singlemode pigtailed is yellow.

Compatibility and installation practices

- Tight buffer pigtailed are compatible with heat shrink splice cassettes (N890.090 and N890.095) with heat shrink protections (N890.021).
- Tight buffer pigtailed are recommended to be used with tight buffer cables, i.e. with 900 um fibres. When using loose tube cables (250 um fibres) additional stress on the loose tube fibres should be limited as much as possible
- Around the splice area the pigtail needs to be stripped till the cladding before insertion in the splice tool.
- For proper alignment in the fusion splice tool the pigtail is fixed on the 900 um outer sheath. There is no need to strip the outer sheath of the pigtail on the place for fixation for getting a proper fixation.

Guarantees

Nexans LANmark-OF pigtailed 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	SM (G657.A1)

Transmission characteristics

Insertion Loss, maximum, dB	0.25 dB
Return Loss, Minimum, dB	50 dB

MACROBENDING LOSS SINGLEMODE

	1550 nm	1625 nm
10 turns on a 15 mm radius mandrel	$\leq 0,25$ dB	$\leq 1,0$ dB
1 turns on a 7,5 mm radius mandrel	$\leq 0,75$ dB	$\leq 1,5$ dB