

LANmark-OF Pigtailed Maxistrip

Contact

LAN Systems (Nexans Cabling Solutions)
Phone: +44 (0)1256 486640
ncs.uk@nexans.com

- Factory terminated fibre assembly
- Ceramic ferule with metallic flange
- 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 can be stripped in one action over a long distance up to 100cm.

Fibre type

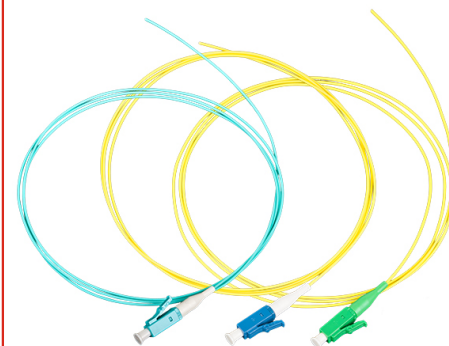
- The LANmark-OF OM3 pigtailed have LANmark-OF OM3 **GIGAliteFLEX** fibre inside. This bend insensitive multimode fibre has a small bend radius of 7,5 mm and is compliant to IEC 60793-2-10, fibre model A1a.2b. The pigtail jacket is Aqua.
- The LANmark-OF OM4 pigtailed have LANmark-OF OM4 **GIGAliteFLEX** 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 OM5 pigtailed have LANmark-OF OM5 **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.4b. The pigtail jacket is Lime Green.
- 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

- Maxistrip pigtailed are compatible with heat shrink splice cassettes (N890.090 and N890.095) with heat shrink protectors (N890.021).
- Maxistrip pigtailed are compatible with splice cassettes (N890.091 and N890.096) with Aluminium protectors (N890.021).
- Maxistrip pigtailed 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 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 are covered by Nexans warranty as described in the General Terms and Conditions.



LANmark-OF

STANDARDS

International ISO/IEC 11801

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

Version 2 Generated 09/05/20 www.nexans.co.uk Page 1 / 2

The logo for Nexans, featuring a stylized red 'N' followed by the word 'Nexans' in a black sans-serif font.

PRODUCT LIST

Nexans ref.	Name	Fiber optic type	Connector type
N121.5MLA	LANmark-OF Pigtail LC OM3 Maxistrip LSZH 50/125 1m Aqua	OM3 50/125	LC
N121.7MLA	LANmark-OF Pigtail LC OM4 Maxistrip LSZH 50/125 1m Aqua	OM4 50/125	LC
N121.9MLL	LANmark-OF Pigtail LC OM5 Maxistrip LSZH 50/125 1m Lime Green	OM5 50/125 Wideband	LC
N121.4MPY	LANmark-OF Pigtail LC/APC Singlemode Maxistrip LSZH 9/125 1m Yellow	SM (G657.A1)	LC/APC
N121.4MLY	LANmark-OF Pigtail LC/UPC Singlemode Maxistrip LSZH 9/125 1m Yellow	SM (G657.A1)	LC
N121.5MCA	LANmark-OF Pigtail SC OM3 Maxistrip LSZH 50/125 1m Aqua	OM3 50/125	SC
N121.7MCA	LANmark-OF Pigtail SC OM4 Maxistrip LSZH 50/125 1m Aqua	OM4 50/125	SC
N121.4MDY	LANmark-OF Pigtail SC/APC Singlemode Maxistrip LSZH 9/125 1m Yellow	SM (G657.A1)	SC/APC
N121.4MCY	LANmark-OF Pigtail SC/UPC Singlemode Maxistrip LSZH 9/125 1m Yellow	SM (G657.A1)	SC

☎ = Make to order, 📦 = In stock

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

MACROBENDING LOSS SINGLEMODE

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