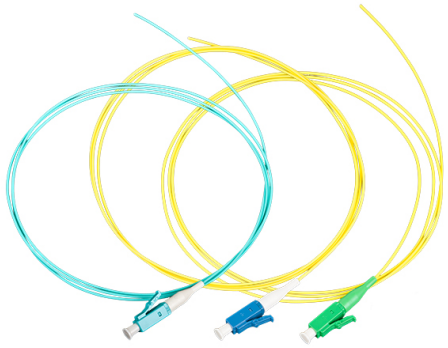
# LANmark-OF Pigtails Maxistrip

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

- 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.



LANmark-OF

## DESCRIPTION

### Pigtail characteristics

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

### Fibre type

- The LANmark-OF OM3 pigtails 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 pigtails 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 pigtails 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 pigtails 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 pigtails is yellow.

### Compatibility and installation practices

- Maxistrip pigtails are compatible with heat shrink splice cassettes (N890.090 and N890.095) with heat shrink protectors (N890.021).
- Maxistrip pigtails are compatible with splice cassettes (N890.091 and N890.096) with Aluminium protectors (N890.021).
- Maxistrip pigtails 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 pigtails 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.

### Guarantuees

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

## STANDARDS

**International** ISO/IEC 11801





Nexans

# LANmark-OF Pigtails Maxistrip

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

## 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 |