

LANmark-OF Pigtails Tight Buffer

- Tight buffer pigtail for ease of splicing
- Insertion loss per connection without splice: 0.3 dB maximum
- Factory terminated fibre assembly
- 100 % factory tested
- Compatible with LANmark-OF splice cassette with heat shrink protection.

Description

Pigtail family characteristics

- Fibre assembly to terminate cable with fusion splicing
- Available with ST, SC, LC and MTRJ connectors
- Suitable for use in patch panels using splice cassettes.
- The pigtails can be stripped in one action over a distance of 1-2 cm.
- Insertion loss without splice: typical value is 0.1 dB, maximum value is 0.3 dB.

Fibre types

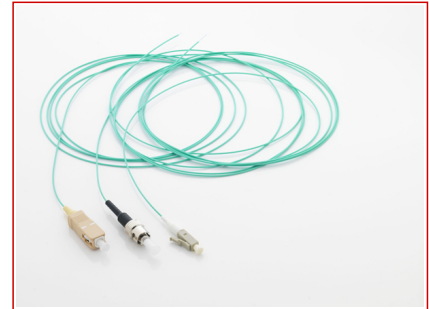
- Nexans LANmark-OF pigtails are available in all standardised optical fibre classes, multimode and singlemode.
- The MM50 version is designed to be used in a OM3 or a OM3xt compliant system and is backwards compliant with OM2 and OM2xt systems. The outer sheath for this type of pigtail is aqua.
- The MM62.5 version is designed for use in OM1 or OM1xt compliant systems. These pigtails are orange.
- The singlemode version is OS2 compliant with G652d fibre inside. These pigtails are yellow.
- The multimode versions can be used in laser optimised systems using the LANmark-OF xt cables.

Compatibility and installation practices

- Tight buffer pigtails are compatible with heat shrink splice cassettes (N890.090 and N890.095) with heat shrink protections (N890.021).
- Tight buffer pigtails 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 pigtails are covered by Nexans warranty as described in the General Terms and Conditions



LANmark-OF

Standards

International ISO/IEC 11801

LANmark-OF Pigtails Tight Buffer

Optical performance pigtails

| Fibre type | Connector | Polishing | Insertion loss max. | Return loss min. |
|------------|-----------|-----------|---------------------|------------------|
| Multimode | ST-SC-LC | PC | 0,3 dB | > 30 dB |
| Multimode | MT-RJ | PC | 0,3 dB | NA |
| Singlemode | ST-SC-LC | PC | 0.3 dB | > 40 dB |
| Singlemode | SC-LC | APC | 0,3 dB | > 55 dB |
| Singlemode | MT-RJ | NA | NA | NA |

Pigtails tight buffer: available products

| Fibre type | Connector | N-number | Description |
|------------|-----------|-----------|--|
| SM | ST | N123.4TTY | LANmark-OF Pigtail ST SM Tight Buffer LSZH 9/125 1m Yellow |
| | SC | N123.4TCY | LANmark-OF Pigtail SC SM Tight Buffer LSZH 9/125 1m Yellow |
| | LC | N123.4TLY | LANmark-OF Pigtail LC SM Tight Buffer LSZH 9/125 1m Yellow |
| SM APC | SC | N120.4TDY | LANmark-OF Pigtail SC SM APC Tight Buffered LSZH 9/125 1m Yellow |
| | LC | N120.4TPY | LANmark-OF Pigtail LC SM APC Tight Buffered LSZH 9/125 1m Yellow |
| OM1 | MTRJ | N123.0TMO | LANmark-OF Pigtail MTRJ OM1 Tight Buffer LSZH 62.5/125 1m Orange |
| | ST | N123.0TTO | LANmark-OF Pigtail ST OM1 Tight Buffer LSZH 62.5/125 1m Orange |
| | SC | N123.0TCO | LANmark-OF Pigtail SC OM1 Tight Buffer LSZH 62.5/125 1m Orange |
| | LC | N123.0TLO | LANmark-OF Pigtail LC OM1 Tight Buffer LSZH 62.5/125 1m Orange |
| OM3 | MTRJ | N123.5TMA | LANmark-OF Pigtail MTRJ OM2/OM3 Tight Buffer LSZH 50/125 1m Aqua |
| | ST | N123.5TTA | LANmark-OF Pigtail ST OM2/OM3 Tight Buffer LSZH 50/125 1m Aqua |
| | SC | N123.5TCA | LANmark-OF Pigtail SC OM2/OM3 Tight Buffer LSZH 50/125 1m Aqua |
| | LC | N123.5TLA | LANmark-OF Pigtail LC OM2/OM3 Tight Buffer LSZH 50/125 1m Aqua |
| OM4 | MTRJ | N120.7TMA | LANmark-OF Pigtail MTRJ OM4 Tight Buffer LSZH 50/125 1m Aqua |
| | ST | N120.7TTA | LANmark-OF Pigtail ST OM4 Tight Buffer LSZH 50/125 1m Aqua |
| | SC | N120.7TCA | LANmark-OF Pigtail SC OM4 Tight Buffer LSZH 50/125 1m Aqua |
| | LC | N120.7TLA | LANmark-OF Pigtail LC OM4 Tight Buffer LSZH 50/125 1m Aqua |