

LANmark-OF Pigtails Maxistrip

- Maxistrip pigtail for ease of splicing and high density
- 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 or Aluminium 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 long distance of up to 1m.
- 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.

LANmark-OF

Standards

International ISO/IEC 11801

Compatibility and installation practices

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

Guarantees

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

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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 maxistrip: available products

Fibre type	Connector	N-number	Description
SM	ST	N123.4MTY	LANmark-OF Pigtail ST Singlemode Maxistrip LSZH 9/125 1m Yellow
	SC	N123.4MCY	LANmark-OF Pigtail SC Singlemode Maxistrip LSZH 9/125 1m Yellow
	LC	N123.4MLY	LANmark-OF Pigtail LC Singlemode Maxistrip LSZH 9/125 1m Yellow
SM APC	SC	N120.4MDY	LANmark-OF Pigtail SC SM APC Maxistrip LSZH 9/125 1m Yellow
	LC	N120.4MPY	LANmark-OF Pigtail LC SM APC Maxistrip LSZH 9/125 1m Yellow
OM1	MTRJ	N123.0MMO	LANmark-OF Pigtail MTRJ OM1 Maxistrip LSZH 62.5/125 1m Orange
	ST	N123.0MTO	LANmark-OF Pigtail ST OM1 Maxistrip LSZH 62.5/125 1m Orange
	SC	N123.0MCO	LANmark-OF Pigtail SC OM1 Maxistrip LSZH 62.5/125 1m Orange
	LC	N123.0MLO	LANmark-OF Pigtail LC OM1 Maxistrip LSZH 62.5/125 1m Orange
OM3	MTRJ	N123.5MMA	LANmark-OF Pigtail MTRJ OM2/OM3 Maxistrip LSZH 50/125 1m Aqua
	ST	N123.5MTA	LANmark-OF Pigtail ST OM2/OM3 Maxistrip LSZH 50/125 1m Aqua
	SC	N123.5MCA	LANmark-OF Pigtail SC OM2/OM3 Maxistrip LSZH 50/125 1m Aqua
	LC	N123.5MLA	LANmark-OF Pigtail LC OM2/OM3 Maxistrip LSZH 50/125 1m Aqua
OM4	MTRJ	N123.7MMA	LANmark-OF Pigtail MTRJ OM4 Maxistrip LSZH 50/125 1m Aqua
	ST	N120.7MTA	LANmark-OF Pigtail ST OM4 Maxistrip LSZH 50/125 1m Aqua
	SC	N120.7MCA	LANmark-OF Pigtail SC OM4 Maxistrip LSZH 50/125 1m Aqua
	LC	N120.7MLA	LANmark-OF Pigtail LC OM4 Maxistrip LSZH 50/125 1m Aqua