

## SINGLE MODE FIBER OPTIC PIGTAIL

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### Features:

- LSZH Jacket
- Simplex versions
- Single Mode
- Connector type SC / LC / ST / FC
- Connector Polish Type PC/UPC/APC
- Available in 1m, 2m & 3m
- RoHS Certified
- Conformance to ANSI/TIA-568.3-D, ITU-T G.657.A1, IEC 61300-3-4, IEC 61300-3-6, IEC 60874-1.
- Meets IEC-60332 (LSZH), IEC 60754-1 and ASTM 2843/ IEC 61034-1 flame rating for standard safety compliant



Fiber Optic pigtail is used in permanent connection between patch panel and incoming cables. Pigtails are pre-constructed with connectors. Connector options include LC, SC, FC, ST, MTRJ, and E2000. These are based on 900micron tight buffered cores and suitable for internal use only.

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## Mechanical Specifications

Colored Coating Diameter	: 250±15µm
Tight Buffer Diameter	: 700±50µm
Strength Member	: Aramid yarns
Ferrule Material	: Zirconia Ceramic
Cable Dimension	: 1.80±0.10mm x4.00±0.20mm
Jacket Material	: LSZH
Jacket Color	: Yellow

## Optical Specifications

Fiber Mode	: SM, OS2 9/125 µm
Insertion Loss	: ≤0.2dB
Return Loss	: ≥50dB
Repeatability	: ≤0.1
Durability	: ≤0.2 (100 mattings)

## Environmental Specifications

Minimum Temperature: -40° C  
 Maximum Temperature: +85° C  
 Operating Humidity: 10% to 90% PH

## Available Models

Part No:	Description
NYS-FPT-SM-XX-XX	SC / LC / ST / FC = CONNECTOR TYPE 01 / 02 / 03 = METER LENGTH
E.g: NYS-FPT-SM-SC-01	
<b>Note:</b> Default Connector Finishing Type is UPC (PC/APC type can be provided on request)	