



## LIIN-25 FO Pigtail LC



### Features

- G.652.D OS2 Single and Multi Mode
- Simplex and duplex
- ISO9001, RoHS Compliant
- Test Certificate for each item
- Batch number tracking

### Standards of reference and applications

ITU.T G652.D, ISO/IEC 11801, EIA/TIA 568 B.3, IEC60874, IEC EN 61754-20, EN 61755-3-2, EN 61755-2-2/B, EN 61755-2-2/1

Telecommunication, LAN, FTTx Cabling, CCTV

## Installation Features

**Store at** +10 to +50 °C

**Install at** 0 to +50 °C and **bend minimum** : 20 times O.D.

**Operate at** : -10 to +70 °C and **bend minimum** : 10 times O.D.

**Short term max. pulling tension** : 6.0N

**Long term max. pulling tension** : 3.0N

## Design

**Optical fiber** : 125/250 Single and Multi Mode

**Buffer** : 900µm tight, colour coded

**Fiber count** : 1

**Outer diameter** : 0.9mm

**UPC connector colour** : blue

**APC connector colour** : green

**Assembly** : glue and polish

**Connection** : physical contact

## Fiber Optic characteristics

	<b>MM</b>	<b>SM PC</b>	<b>SM UPC</b>	<b>SM APC</b>
Insertion Loss dB (typical)	0.15	0.15	0.15	0.15
Return Loss dB (typical)	≥ 35	≥ 45	> 50	> 60
Repeatability dB (typical)	≤0,2	≤0,2	≤0,2	≤0,2

	MM	SM PC	SM UPC	SM APC
Changeability dB (typical)	≤0,2	≤0,2	≤0,2	≤0,2

## Colour code of fibers

1	2	3	4	5	6	7	8	9	10	11	12
Light Green	Pink	Purple	Yellow	Black	Red	White	Grey	Brown	Green	Orange	Blue

## Ordering and delivery information

Fiber count	P/N	Weight (kg/km)	Length (m)	Packaging
1	PT xxx LC a 02	0.9	2.0	12 pcs / ctn
1	PT xxx LC a 00	0.9	custom	custom

oo =connector type = SC, LC, FC, ST

a = U for UPC, A for APC

oo =connector type = SC, LC, FC,

ST 00 = length (standard 2.0mm)

## Recommended connectivity

**Cables :** APS LIIN-25 series

**Patch cords :** APS LIIN-25 series

**Adapters :** APS LIIN-25 series

**Patch Panels :** APS LIIN-25 series

## **Extended System Warranty**

The APS System Warranty assures the compliance of the system performance to the applicable class of cabling for a period of 25 years. The warranty may be applied for by an accredited APS Partner who has designed and/or installed the entire system.

**Every effort has been put so that this document is most reliable and free from errors. However, AP Solutions Oy cannot be considered responsible for any mistake in this document and users should consult AP Solutions Oy for any information needed. AP Solutions Oy reserves the right to make changes to the documents at any time, without prior notice.**



# LIIN-25 FO Pigtail SC



## Features

- Single Mode and Multi Mode
- Easy to strip 900µm
- Easy unpack and identification with 12-colours blister bag
- Test Certificate on each blister bag
- ISO9001, RoHS Compliant
- Batch number tracking
- Dust cover
- Choice of connectors

## Standards of reference and applications

ITU.T G652.D, ISO/IEC 11801, EIA/TIA 568 B.3, IEC60874, IEC EN 61754-4, EN 61754-20, EN 61755-3-2, EN 61755-2-2/B, EN 61755-2-2/1, EN-50173-1  
Telecommunication, LAN, FTTx Cabling, CCTV

## Installation Features

**Store at** +10 to +50 °C

**Install at** 0 to +50 °C and **bend minimum** : 10 times O.D.

**Operate at** : -10 to +70 °C and **bend minimum** : 10 times O.D.

**Short term max. pulling tension** : 6.0N

**Long term max. pulling tension** : 3.0N

## Design

**Optical fiber** : 125/250 Single or Multi Mode

**Buffer** : 900µm tight, colour coded

**Fiber count** : 1

**Outer diameter** : 0.9mm

**SM UPC connector colour** : blue

**SM APC connector colour** : green

**MM UPC connector colour** : beige

**Assembly** : glue and polish

**Connection** : physical contact

## Fiber Optic characteristics

	<b>MM</b>	<b>SM PC</b>	<b>SM UPC</b>	<b>SM APC</b>
Insertion Loss dB (typical)	0.2	0.2	0.15	0.15
Return Loss dB (typical)	≥ 35	≥ 45	> 55	> 60
Repeatability dB (typical)	≤0,2	≤0,2	≤0,2	≤0,2

	MM	SM PC	SM UPC	SM APC
Changeability dB (typical)	≤0,2	≤0,2	≤0,2	≤0,2

## Colour code of fibers

1	2	3	4	5	6	7	8	9	10	11	12
Light Green	Pink	Purple	Yellow	Black	Red	White	Grey	Brown	Green	Orange	Blue

## Ordering and delivery information

Fiber count	P/N	Weight (kg/km)	Length (m)	Packaging
1	PT xxx oo a 02	0.9	2.0	12 pcs / ctn
1	PT xxx oo a 00	0.9	custom	custom

xxx = fiber type = OS2, OM1, OM2, OM3, OM4

oo = connector type = SC, LC, FC, ST

a = U for UPC, A for APC

00 = length (standard 2.0mm)

## Recommended connectivity

**Cables :** APS LIIN-25 series

**Patch cords :** APS LIIN-25 series

**Adapters :** APS LIIN-25 series

**Patch Panels** : APS LIIN-25 series

## **Extended System Warranty**

The APS System Warranty assures the compliance of the system performance to the applicable class of cabling for a period of 25 years. The warranty may be applied for by an accredited APS Partner who has designed and/or installed the entire system.

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