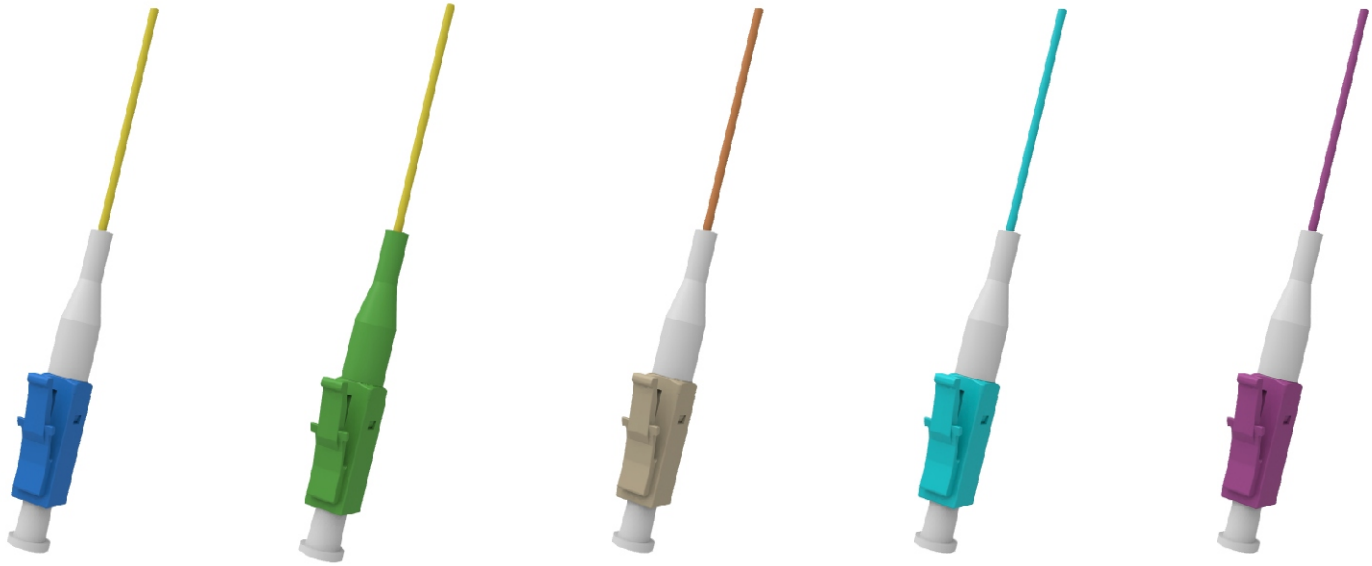
# Technical Data Sheet

LC Simplex Fiber Optical Pigtail

Version: 1.0

## Product Overview

The fiber optic patch cord mainly used on patch panel or for the connection between outlets and terminal equipment.It also widely used for high bit rate data transmission,telecommunications,tesing instruments,active device terminations,LAN/WAN and FTTX.



| SM | APC | MM | OM3 | OM4 |
|---|---|---|---|---|
| Blue RAL 5015 | Green RAL 6018 | Beige RAL 1013 | Aqua RAL 6027 | Violet RAL 4003 |

## Optical specifications

| Parameters | Value |
|---|---|
| Typical Insertion Loss | ≤0. 20 dB |
| Max Insertion Loss | ≤0. 25 dB |
| Durability(500 Mating Times) | △I. L. ≤0. 25 dB |
| Bend Radius | 3.8 cm |
| Operating Temperature | -20℃~+75℃ |
| Storage Temperature | -20℃~+85℃ |

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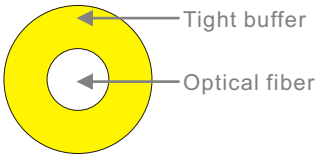
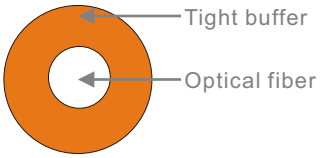
## Mechanical Diagram

| | | | |
|---|---|---|---|
| Material | 1 | Dust cap | PE |
| | 2 | Outer housing | PEI |
| | 3 | Boot | TPE |
| | 4 | Cable | Outer Sheath Type:LSZH,PVC |
| | | | FiberType:G65D,G657A,G657B option. |
| | | | Cable Diameter:0.9mm |

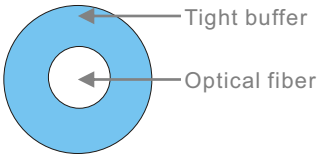
## Cable Sructure



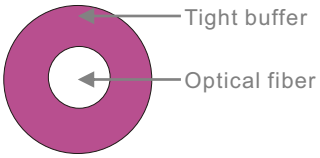

SM Cable




MM OM1/OM2 Cable




OM3 Cable




OM4 Cable

## Test Procedure

- Optical Characteristics
- Vibration Test
- Thermal Cycling
- Impact Resistance
- Thermal Aging
- Humidity Resistance
- Others

## Packaging,Labelling and shipping Marks

1.Individual PE bag packing and blister packing are available.
2.OEM design is also available upon request.

## Other Requirements

The performance of the patch cord has been carfully designed to meet the toughest Telcordia standards

- GR-326-CORE
- RoHs-Compliance of item and package
- Performance according to IEC