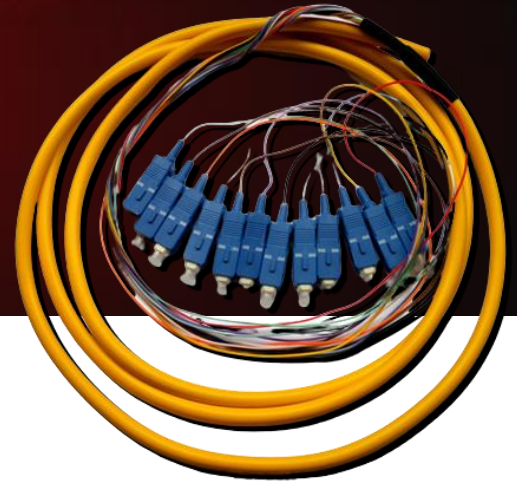


# Fan-out-Patch-Cord

## Fiber Optic Patch Cord / Pigtail

### Fan Out Fiber Optical Multi-Pigtail



### Overview

Optical pigtail is a piece of fiber optic cable with only one fiber optic connector on one side of the cable, there are single mode and multimode fiber optic pigtails, which can be with various types of fiber optic terminations such as SC, FC, ST, LC, MU, MT-RJ, MTP, MPO, etc.

Fiber optic pigtails the typical use is to link the fiber optic cable with fiber optic equipment, the multi-pigtail with connector side is used to link the equipment, while the other side of the fan out pigtail is melted together with the fiber cable, by melting together the fiber glasses, it can reach a minimum insertion loss. Common types of fiber optic pigtails are usually with 0.9mm fiber cable diameter, and usually installed inside ODF unit. Most commonly used types are SC fiber optic pigtail, ST fiber optic pigtail, FC fiber optic pigtail, LC fiber optic pigtail, MT-RJ fiber optic pigtail, SC/APC fiber optic pigtail, and FC/APC fiber optic pigtail and E2000 fiber optic pigtail.

### Features

- High precision LC connector series with competitive pricing
- Provide high density mounting in any optical equipment
- Excellent optical performance
- Available for both SM, MM, simplex and duplex
- 0.9mm, 2.0mm, 3.0mm cable diameter option

### Applications

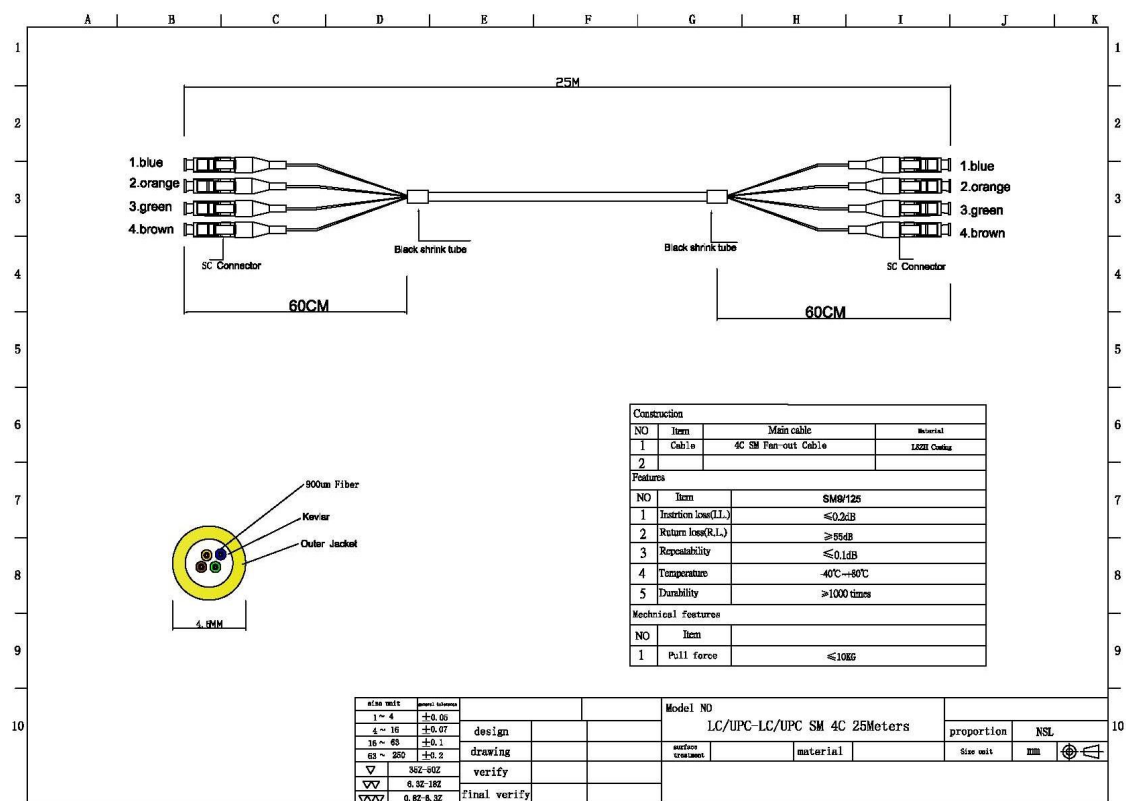
- Telecommunication
- Testing equipment
- Long-haul telecommunication
- LAN system
- CATV systems

## Technical Specifications

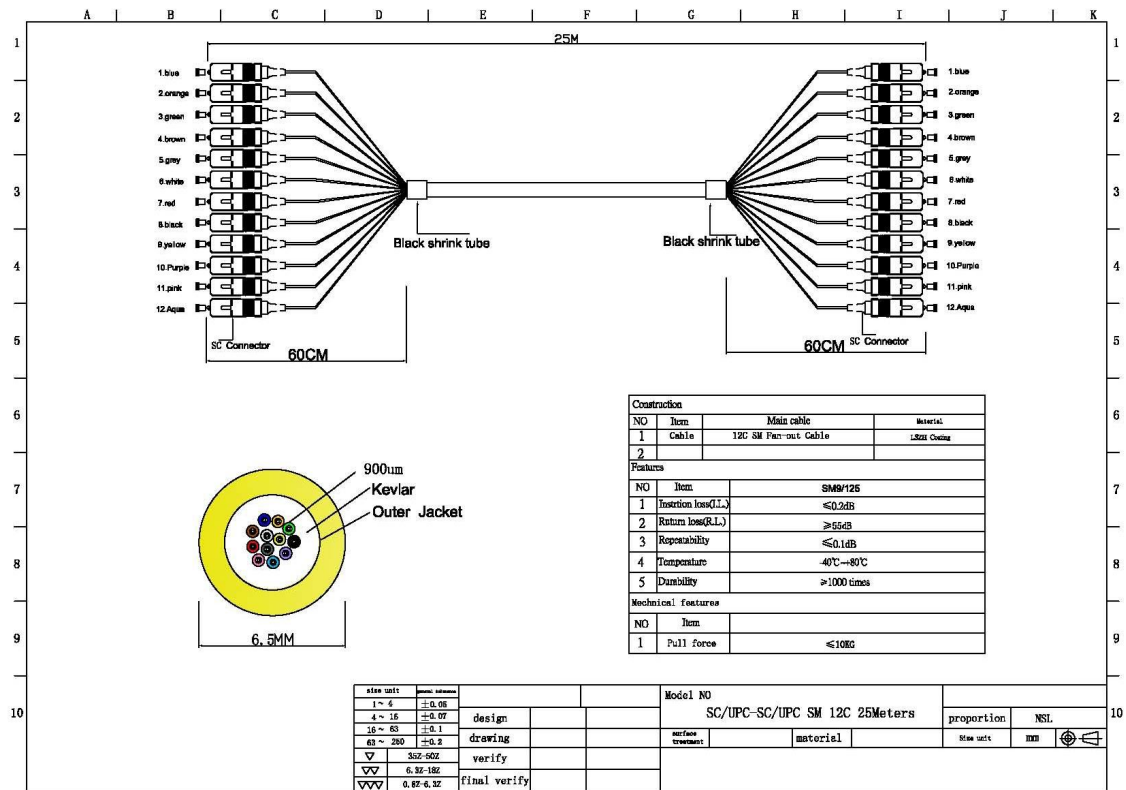
Patch Cord/Pigtail Spec			
Type	Single mode(UPC)	Single mode(APC)	Multi-mode (PC)
Insertion loss	≤0.2 dB	≤0.2 dB	≤0.2 dB
Return Loss	≥50 dB	≥60 dB	≥35 dB
Repeatability	≤0.1dB		
Durability	≥1000matings		
Operating Temperature	-40 °C to +80 °C		
Tensile Strength(N)	≥90N ( φ 3), ≥70N ( φ 2)		

## Cable Structure

### Fanout 4C patch cord structure



# Fanout 12C patch cord structure



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