

# Wireless Application Connecting Today's Infrastructure Pigtail Fiber Optic Splice Kits

## Pigtail Fiber Optic Splice Kits

Our custom built fiber assemblies are designed to meet the rapidly increasing demand for wireless communications. Most wireless networks are connected to the network core by a fiber optic feeder cable. Pigtail fiber optic splice kits are used to connect the wireless nodes to the fiber optic feeder cable. A large portion of wireless network installations are small cell to support densification of 4G in preparation for 5G rollouts.

Suitable for use in wireless applications such as: Fiber To The Antenna (FTTA), Fiber To The Cell Site ( FTTCS) and Distributed Antenna Systems (DAS).

## Features

FTTA/FTTCS/DAS

Assemblies are engineered for fusion splice onto the backbone fiber feeder cable for connecting the wireless installation to the network core.

Assembled in the USA

## Available Options

Connector Types: LC, SC, FC, ST

Strand Counts: 6, 12, 24

Fiber Mode: Singlemode, OM1, OM2, OM3, OM4

Assembly Lengths: 1, 2, and 3 meter common lengths, other lengths available on request

## Application

For use in fiber optic network environments that require indoor rated materials.

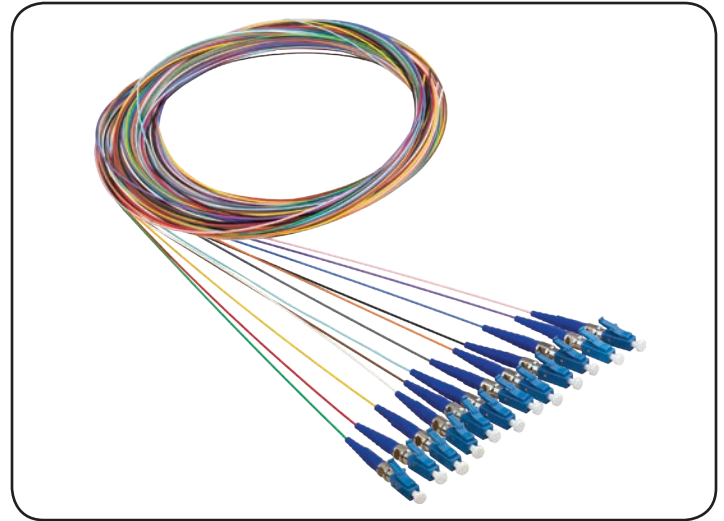
- FTTA
- FTTCS
- DAS

## Durability

Connectors exceed industry standards for mechanical performance, optical performance and reliability

## Testing

100% tested for optical performance, end face criteria and cleanliness.



## Parameter

**Operating Temperature:**

## Specification

-40°C to +70°C  
(-40°F to +158°F)

**Cable Outside Diameter:**

900µm

**Fiber Leg Color:**

- 1) Blue
- 2) Orange
- 3) Green
- 4) Brown
- 5) Grey
- 6) White
- 7) Red
- 8) Black
- 9) Yellow
- 10) Purple
- 11) Rose
- 12) Aqua

## Agency / Standard Compliance

**Cable:**

RoHS/REACH Compliant  
ANSI/TIA 568  
ITU-T G.657.A1

**Connector:**

RoHS/REACH Compliant  
ANSI/TIA 568  
TIA604  
Telcordia GR-326

## Customization

Requirements for wireless systems will vary. Reach out to our sales team to learn about additional components offered to fit your wireless needs.

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