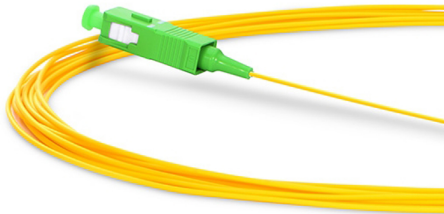


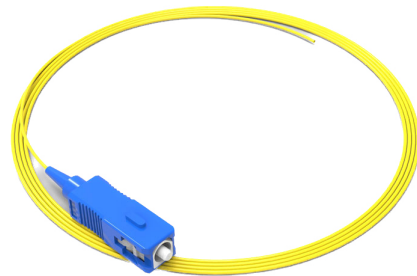
MapleArashi

Fiber Optic Cable Manufacturer

SC APC Pigtail



SC UPC Pigtail



SC Fiber Optic Pigtail

SC Pigtail | UPC / APC | Splicing

SC Connector End | Bare Fiber End | Splicing Termination

SC fiber optic pigtails are one-end connectorized fiber cable assemblies designed for fusion splicing, ODF termination, terminal boxes, distribution frames, splice trays, and FTTH access network installation. Current product images confirm SC UPC and SC APC pigtail options. Each pigtail features an SC connector on one end and a bare fiber end on the opposite end for splicing. Fiber type, cable diameter, jacket material, pigtail length, optical performance, and packaging are subject to confirmed product configuration and project requirements.

Product	SC Fiber Optic Pigtail
Model	SC UPC / SC APC, single-mode / multimode, and project-specified configurations
Category	Components & Accessories - Fiber Optic Pigtails
Structure	SC connectorized fiber pigtail with one SC connector end, one bare fiber end, cable jacket, ferrule, boot, and dust cap

This specification is for reference only. Connector polish, fiber mode, cable jacket, cable diameter, cable length, and optical performance are subject to confirmed product configuration and project requirements.

1. Product Information

Field	Specification
Product	SC Fiber Optic Pigtail
Model	SC UPC / SC APC, single-mode / multimode, and project-specified configurations
Category	Components & Accessories - Fiber Optic Pigtails
Structure	SC connectorized fiber pigtail with one SC connector end, one bare fiber end, cable jacket, ferrule, boot, and dust cap
Connector Type	SC UPC / SC APC options, subject to confirmed product range
Fiber Type	Single-mode / multimode, subject to project requirements
Cable Construction	Simplex pigtail / project-specified configuration
Cable Diameter	Subject to confirmed product configuration
Cable Length	Subject to project requirements
Application	ODF / splice tray / terminal box / distribution box / FTTH access / fiber termination

2. Company Profile

Maplearashi Technology, with 20 years of expertise in fiber optic communication, manufactures SC fiber optic pigtails in our facility located in the Guangdong-Hong Kong-Macao Greater Bay Area. These SC connectorized fiber pigtails are designed for fusion splicing, ODF termination, terminal boxes, distribution boxes, splice trays, FTTH access, and fiber termination applications. Connector polish, fiber mode, cable jacket, cable diameter, and cable length are subject to confirmed product configuration and project requirements. Compliance documents available upon request.

3. Product Overview

SC fiber optic pigtails are one-end connectorized fiber cable assemblies designed for fusion splicing, ODF termination, terminal boxes, distribution frames, splice trays, and FTTH access network installation. Images confirm SC UPC and SC APC pigtail options. Each pigtail features an SC connector on one end and a bare fiber end for splicing. Fiber type, cable diameter, jacket material, length, and packaging are subject to confirmed product configuration and project requirements.

4. Key Features

- SC connectorized fiber pigtail for ODF, splice tray, and terminal box splicing
- SC UPC or SC APC polish options, subject to confirmed product range
- Single-mode and multimode fiber options, subject to project requirements
- Simplex pigtail cable construction
- Cable length, diameter, jacket material, and color per project specifications
- Factory-terminated SC connector on one end, bare fiber end on the other for field splicing

5. Recommended Use

- ODF termination and fiber distribution frame SC connector wiring
- Splice tray and fiber closure internal fiber termination
- Fiber terminal box SC adapter splicing
- FTTH distribution box and splitter box internal SC-based wiring
- Telecom room fiber termination and equipment-side interconnection
- Fiber optic closure fiber splicing and storage

6. Technical Specifications

Layer	Component	Material / Function
Connector T	SC UPC / SC APC	options, subject to confirmed product range
Fiber Typ	Single-mode / multimode	, subject to project requirements
Cable Constr	Simplex pigtail / project-specified configuration	
Cable Diam	Subject to confirmed product configuration	
Cable Len	Subject to project requirements	
Jacket Matr	Subject to confirmed product configuration	
Connector P	UPC or APC	, subject to confirmed product configuration
Optical Perform	Subject to connector type, fiber type, polish type, assembly quality, and test conditions	
Operating Temp	Subject to cable jacket material and connector configuration	
RoHS Compl	Compliance documents available upon request	

Specifications are subject to connector polish, fiber mode, cable construction, and project requirements. Confirm with project specifications.

7. Applications

- ODF fiber termination using fusion splicing on bare fiber end
- Splice tray fiber storage and termination
- FTTH terminal box SC adapter splicing
- FTTH distribution box and splitter box internal wiring
- Telecom room fiber termination and management
- Fiber optic closure internal fiber splicing and storage
- Equipment-side fiber pigtail termination

8. Installation Notes

- Route pigtail with minimum bend radius per fiber specifications
- Ensure bare fiber end is clean and properly prepared before fusion splicing
- Use appropriate splice protection sleeve after fusion splicing
- Do not exceed SC connector insertion force during mating
- Verify SC connector latch fully engages after mating

9. Handling & Cleaning Notes

- Keep dust caps on SC connector when not in use
- Clean SC connector end face before mating
- Protect bare fiber end from contamination before splicing
- Store pigtails in clean, dry environment before deployment

10. Customization Options

- SC polish type (UPC or APC) per network connector requirement
- Fiber mode and fiber type per splicing specifications
- Cable diameter and jacket material per splicing environment
- Cable length per ODF, splice tray, or terminal box splicing zone distance
- Color coding per project fiber identification requirements
- Packaging per project or shipping requirements

11. Product Comparison & Reference

SC Pigtail vs SC Patch Cord

Parameter	SC Pigtail	SC Patch Cord
End Configuration	One SC connector end, one bare fiber end for splicing	Both ends connectorized
Primary Use	Fusion splicing and permanent termination	Equipment-to-equipment patching

SC Pigtail vs General Patch Cord

Parameter	SC Pigtail	General Patch Cord
End Configuration	One SC connector end, bare fiber other end	Both ends connectorized
Connector Range	SC pigtail for splicing	SC, LC, FC, ST, MPO cable assembly

SC Pigtail vs Adapter

Parameter	SC Pigtail	Adapter
Function	SC connectorized pigtail with cable length for splicing	Passive connector alignment component
Cable Length	Included	None

SC Pigtail vs Fast Connector

Parameter	SC Pigtail	Fast Connector
Termination Method	Factory SC-terminated pigtail, bare fiber spliced in field	Field-installed on prepared fiber end
Cable Length	Included per project	No fixed cable length by default

SC Pigtail vs PLC Splitter / Attenuator

Parameter	SC Pigtail	PLC Splitter / Attenuator
Function	Fiber termination and splicing component	Optical power splitting or reduction

SC Pigtail vs FTTA Outdoor Patch Cord

Parameter	SC Pigtail	FTTA Outdoor Patch Cord
Environment	Indoor termination component for splicing	Outdoor / base station connectorized assembly
End Configuration	One SC end + one bare fiber end	Both ends connectorized

Maplearashi

MapleArashi | maplearashi.com

Email: sales@maplearashi.com | WhatsApp: +86 189 9307 0653

Shenzhen Maplearashi Technology Co., Ltd. | Guangdong-Hong Kong-Macao Greater Bay Area, China