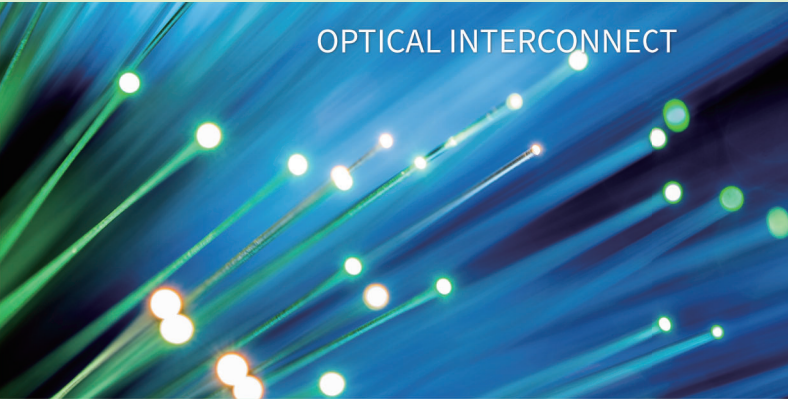


# PATCHCORD



## LC / SC / FC / ST / MU / MTRJ

LC / SC / FC / ST / MU / MTRJ Patchcord .....32

## Pre-terminated

SC Pushable Patchcord .....33

SC Pulling Eye Patchcord .....33

## PLC

PLC Series .....33

## MPO / MTP

MPO / MTP Patchcord .....34

## Breakout / Drop

Breakout Cable .....35

Drop Cable .....35

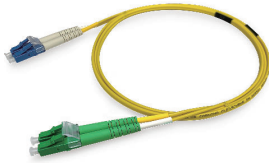
## FTTA

FTTA Hybrid Patchcord .....36

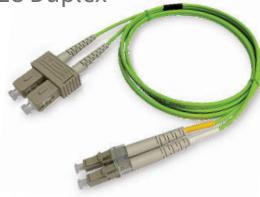
FTTA Solution .....36

# LC / SC / FC / ST / MU / MTRJ Patchcord

● LC Duplex



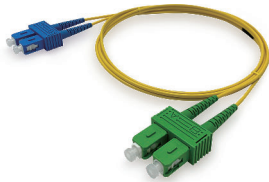
● SC - LC Duplex



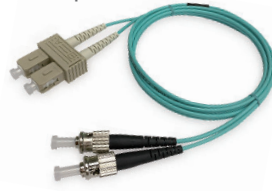
● ST



● SC Duplex



● SC - ST Duplex



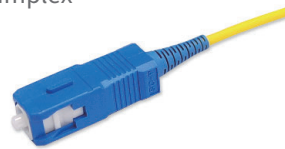
● MTRJ



● LC Simplex



● SC Simplex



● FC



## Small Form LC / MU / MTRJ Specification

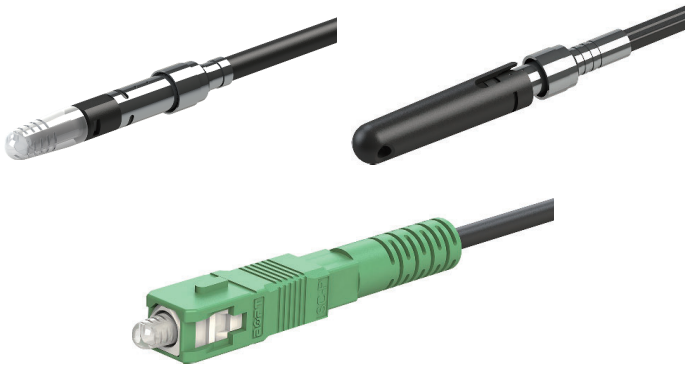
	Product	Mode	Jacket Type	Connector Type	Cable Type	Cable Diameter
LC	Patchcord Pigtail	SM G652D SM G657 A1 SM G657 A2 SM G657 B3	PVC (OFNR) PVC (OFNP) LSZH LSZH(OFNR)	LC / PC LC / APC	Simplex Duplex Zipcord Duplex Round	0.9 1.2 1.4 1.6 1.8 2.0 2.4 3.0
MU		OM1 (62.5/125) OM2 (50/125) OM3 (50/125) OM4 (50/125)				N/A
MTRJ		OM5 (50/125)		Male Female	Duplex Zipcord	1.8 3.0

## SC / FC / ST Specification

	Product	Mode	Jacket Type	Connector Type	Cable Type	Cable Diameter
SC	Patchcord Pigtail	SM G652D SM G657 A1 SM G657 A2 SM G657 B3	PVC (OFNR) PVC (OFNP) LSZH LSZH(OFNR)	SC / PC SC / APC	Simplex Duplex Zipcord Duplex Round	0.9 1.2 1.4 1.6 1.8 2.0 2.4 3.0
FC		OM1 (62.5/125) OM2 (50/125) OM3 (50/125)		SC / PC SC / APC		
ST		OM4 (50/125) OM5 (50/125)		ST		

# Pre-terminated Patchcord

- SC Pushable Patchcord
- SC Pulling Eye Patchcord



## Description

A simple and costs effective optical fiber assembly deployment that is easy to use without compromising the optical fiber integrity or reliability.

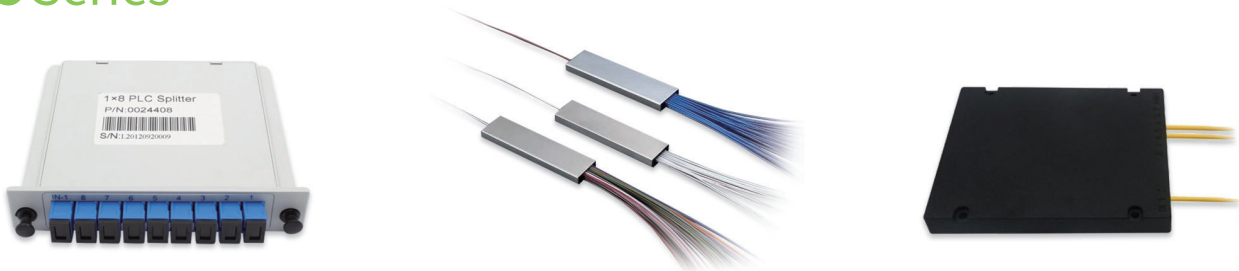
## Features

- Complies with IEC60874-14-2
- Guaranteed insertion loss & return loss with certification
- Install inside microducts as small as 5.5 mm I.D. (Pushable)/6.5 mm I.D. (Pulling Eye)
- Single-mode APC
- Low friction mechanism design
- Tool-less installation
- Pre-terminated pushable/Pulling eye connectors

## Applications

- FTTx indoor/outdoor cable
- Telecoms
- DAS

# PLC Series



## PLC Specification

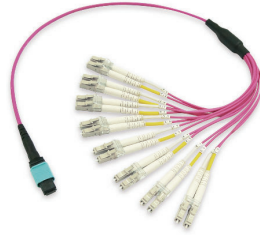
Product	Port Number	Wavelength (mm)	Connector	PLC Ratio	Fiber (mm)	Package	Steel Tube	
Standard	1x2 1x4	1310 & 1550	SC / APC	AS Demand	0.9 2.0 Bare	Steel Tube ABS Box	50mm Box	
WDM	1x6 1x8		SC / PC with white mark					
Single Window Wideband Coupler	1x10 1x12 1x14		SC / APC with white mark					
Dual Window Wideband Standard (MM)	1x16 1x18 1x20		1310					SC / PC with white mark
WDM (MM)	1x22 1x24		1550					SC / PC with white mark
Single Window Wideband Coupler (MM)	1x32 2x32		1625					LC / APC
Dual Window Wideband (MM)	4x4 8x8		850					FC / PC
			980					

# MPO / MTP Patchcord

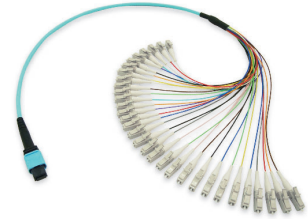
● MPO/MTP Patchcord



● MPO-LC 16F Fan-out



● MPO-LC 32F Fan-out



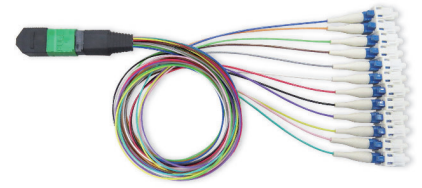
● MTP-LC Uniboot



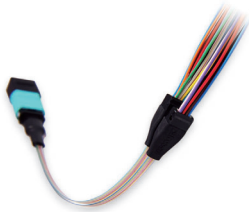
● MTP-LC Hydra



● MPO-LC Hydra



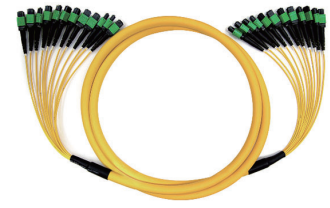
● MTP-LC 24F Hydra-Mini Branch



● MTP-DLC



● Trunk Cable



## MPO / MTP® Specification

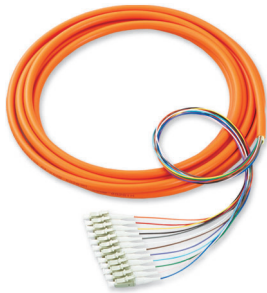
Description	Specification		Conditions
Insertion Loss	MPO	SM : $\leq 0.75$ dB MM : $\leq 0.6$ dB	SM $\lambda = 1310/1550$ nm MM $\lambda = 1300/850$ nm
	MTP®	SM : $\leq 0.5$ dB MM : $\leq 0.5$ dB	
	MPO Low Loss MTP Elite®	SM : $\leq 0.35$ dB MM : $\leq 0.35$ dB	
Return Loss	SM : $\geq 60$ dB		SM $\lambda = 1310/1550$ nm

## MPO / MTP® Specification

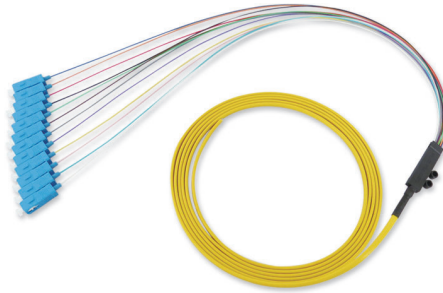
Connector Type	Mode	Cable Type	Jacket Type	Cable Diameter (mm)
MPO / MTP Male MPO / MTP Female MPO Low Loss Male MPO Low Loss Female MTP Elite Male MTP Elite Female	SM G652D SM G657 A1 SM G657 A2 SM G657 B3 OM1 (62.5/125) OM2 (50/125) OM3 (50/125) OM4 (50/125) OM5 (50/125)	8-Fiber 12-Fiber 16-Fiber 24-Fiber 32-Fiber	PVC (OFNR) PVC (OFNP) LSZH LSZH(OFNR)	Bare Ribbon Ribbon 2.5 x 5.0 Round 2.0 / 2.6 / 3.0 / 3.5

# Breakout / Drop Patchcord

● Breakout Cable

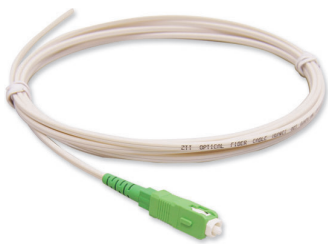


● Ribbon Type Breakout Cable

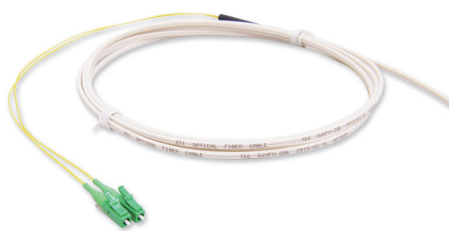


Multi-Fiber Breakout Specification																
Product	Mode	Connector Type	Jacket Type	Cable Type			Cable Diameter									
Patchcord Pigtail	SM G652D	LC / PC	PVC (OFNR)	Round	Tight Buffer	4-Fiber	3.0									
	SM G657 A1							LC / APC	6-Fiber							
	SM G657 A2							SC / PC		8-Fiber						
	SM G657 B3	SC / APC						12-Fiber								
	OM1 (62.5/125)	FC / PC									16-Fiber					
	OM2 (50/125)	FC / APC										18-Fiber				
	OM3 (50/125)	ST											24-Fiber			
	OM4 (50/125)	MU												36-Fiber		
	OM5 (50/125)														48-Fiber	
																96-Fiber
		Customized														
			Ribbon	Loose Tube (Easy Stripped)	2.5*5.0											

● SC Simplex Drop Cable



● LC Duplex Drop Cable

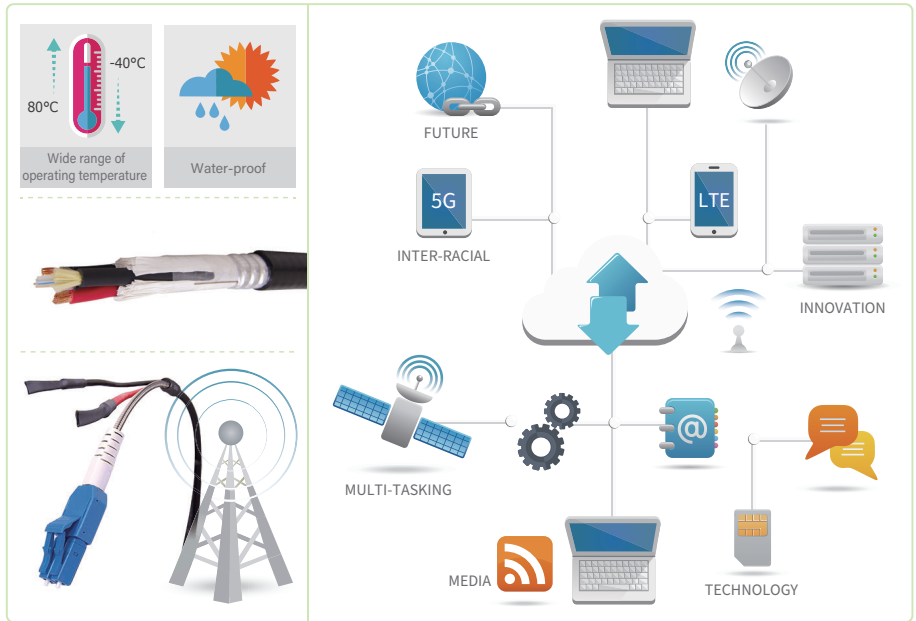
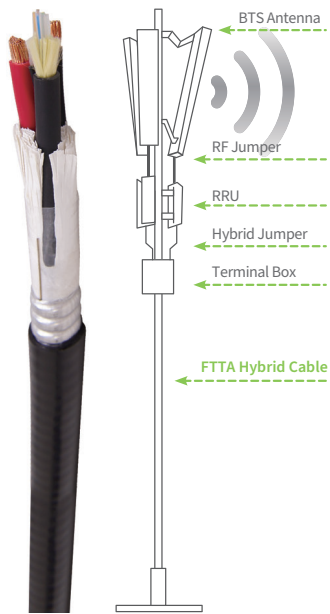


● ST Simplex Drop Cable



Drop Cable Specification												
Product	Mode	Connector Type	Jacket Type	Cable Type		Cable Diameter						
Patchcord Pigtail	SM G652D	LC / PC	LSZH	Simplex	Tight Buffer	2.0 x 1.6						
	SM G657 A1						LC / APC					
	SM G657 A2	SC / PC					Duplex	Loose Tube (Easy Stripped)	2.0 x 3.0			
	SM G657 B3	SC / APC										
	OM1 (62.5/125)	FC / PC								FRPE	2.0 x 3.0	
	OM2 (50/125)	FC / APC										5.3 x 2.0
	OM3 (50/125)											
	OM4 (50/125)											

## FTTA Hybrid Patchcord



### Description

The ACON OPTICS new FTTA Hybrid Patchcord, combined with copper wire and optical fiber in an unicable, supporting power and data transmission at the same time. It's waterproof and flame resistant.

### Features

- Three cladding fully protect the fiber
- Cable type for choice (7.0/4.8/3.5mm /customized diameter)
- PVC/LSZH/Armored cable for choice
- Pulling-eye addition enhances protection
- Braid sleeve and pulling-eye addition, more convenient and protective
- Hybrid cable construction, makes more efficiently and high quality operation

## FTTA Solution

- FTTA Cable with Mesh Cover



- FTTA Cable with Angled Boot



- FTTA Cable with Pulling-Eye + PVC Tube



- Armoured Cable



### Description

To keep pace with the ever-growing demand for bandwidth in the 5G era, ACON OPTICS FTTA solution provides customers with high-quality broadband capabilities while eliminating the need for building expensive infrastructures.

### Features

- GR-326-Core & RoHS2 compliant
- Smarter termination process
- Compact pull-proof design
- High precision alignment
- Reducing maintenance and creating consistent optical performance
- Pulling eye addition enhances protection
- Ruggedized, water-proof connector
- Cable type for choice

### Applications

- 4G/LTE, 5G base station