

# FIBER OPTIC PATCH CORDS

## Description

High performance optical pigtails & patch cords are a defining factor in ensuring any network performs to the highest level. RFI offers an extensive range of optical pigtails for use in FTTX, telecommunications, data communications and CATV applications.

Pigtails & patch cords can be supplied in a variety of lengths, colors and with a variety of different connector types. Different fiber types and cable diameters are also available on request.

## Features

- Low insertion loss and High return loss
- High stability and reliability
- Cable type: Indoor fiber 9/125um, 50/125um, 62.5/125um, PVC or LSZH Jacket
- Cable diameter: 3.0mm, 2.0mm and 0.9mm

## Application

- Telecommunication networks
- CATV & LAN
- Data networks
- Passive Optical Networks
- FTTP



## Parameter

Item	Unit	Width(mm)			MM
		PC	UPC	APC	
Insertion loss	dB	≤0.20			PC
Max. Insertion loss	dB	≤0.30			
Repeatability	dB	≤0.10			
Changeability	dB	≤0.20			
Return loss	dB	≥45	≥50	≥60	≥35
Operation Temperature	°C	-40~+85			
Storage Temperature	°C	-40~+85			
Fiber Type	um	9/125		50/125 or 62.5/125	
Core Number		Single or dual Fiber			
Durability		>1000times			

# FIBER OPTIC PATCH CORDS

## ACCESSORIES



ST Connector



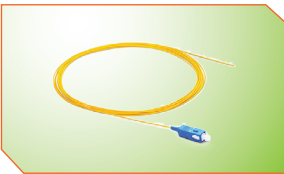
SC Connector



FC Connector



LC Connector



SC Pigtail



LC Pigtail



ST-ST SM Simplex



SC-SC SM Simplex



FC-FC SM Simplex



LC-LC SM Simplex



LC-LC SM Duplex



SC-LC SM Duplex

### Ordering information

ROS ROD	X	X	X	X	X	X	X	X	X	X	F
Patch Cord or Pigtail	1: SC/UPC	1: SC/UPC	1: 62.5um OM1	Length (M)	Length (M)	Length (M)	Length (M)	1: LSZH	9: 900u Buffer		
	2: SC/APC	2: SC/APC	2: 50um OM2	0	0	0	0	2: PE	2: 2mm Jacket		
	3: LC/UPC	3: LC/UPC	3: 50um OM3	0	0	0	0	3: PVC	3: 3mm Jacket		
	4: LC/APC	4: LC/APC	4: 5um OM4	0	0	0	0				
	5: FC/UPC	5: FC/UPC	5: SM G652D	0	0	0	0				
	6: FC/APC	6: FC/APC	6: SM G657A	0	0	0	0				
	7: ST/UPC	7: ST/UPC		0	0	0	0				

Example:

- ROD-1330150-12F  
RFI Duplex SC/UPC-LC/UPC MM 50um OM3 OD:2mm, LSZH, Length - 15M patch cord
- ROS-555030-12F  
RFI Simplex FC/UPC-FC/UPC SM 9/125OS2 OD:2mm, LSZH, Length - 30M patch cord