



## High Strength and Suppleness Fiber Optical Indoor Patch-cord SMF G.657A2 Fiber, 2.9mm LSZH Jacketed Cable

**Part Number:** FPCD-BS3L-xxxx-xxx-SS



### Overview

Ficer's Patch-cord provides sundry and cost effective solution for connection between Fiber Optical equipment and components. It has the benefits including easy installation, environmentally stable and excellent loading performance. The SS cable series have advantages of High Strength and Suppleness which are specifically designed for Indoor cabling application in various FTTx projects and PON networks.

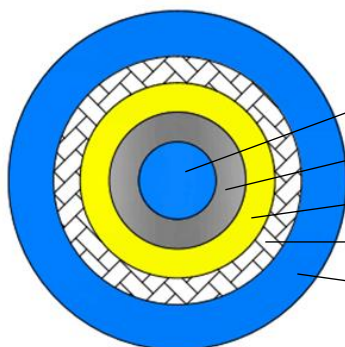
### Applications

- Indoor Cabling
- FTTx and PON networks

### Features

- High Strength & Suppleness
- Low Insertion Loss & Return Loss
- Mice Biting prevention
- Permissible Side Pressure <math>< 0.1\text{dB}</math> @1200 N/25mm for 1min
- Permissible Bending Radius 7.5mm

### Cable Structure



- Fiber: 0.6 mm Tight Buffer x 1core
- Spiral Armored Tube : OD1.6±0.1mm
- Kevlar : 2 x 1100D
- Metal Braid : 3 ( 6 ) x16
- LSZH Jacket : OD2.9±0.1mm



## Specification

Parameters		Min.	Typ.	Max.	Unit
Fiber Type		SMF G.657A2			
Fiber Attenuation @1310nm				0.4	dB/km
Fiber Attenuation @1550nm				0.3	dB/km
Tight Buffer		0.6mm x 1			
Metal Tube		200CU, OD1.6±0.1mm			
Strength Member		Kevlar, 2 x 1100D			
Metal Braid		200CU, 3 ( 6 ) x16			
Cable Outer Jacket		LSZH, OD2.9 ±0.1 mm			
Cable Weight			17.0		kg/km
Cable Tensile Long Term				200	N
Cable Tensile Short Term				400	N
Cable Crush Resistance Long Term				2000	N/10cm
Cable Crush Resistance Short Term				3000	N/10cm
Cable Bending Radius	Static	10D			mm
	Dynamic	20D			mm
Permissible Side Pressure		<0.1dB @1200 N/25mm for 1min			
Permissible Bend Radius		7.5			mm
Connector Insertion Loss			0.3	0.5	dB
Connector Return Loss	UPC			-50	dB
	APC			-60	dB
Connector Mating Durability (500 cycles)				0.2	dB
Temperature Stability				0.3	dB
Operating Temperature °C		-40		70	°C
Storage Temperature °C		-40		85	°C



## Ordering Information

FPCD-BS3L---SS

Connector Type at End 1 & End 2



F: FC

P: UPC

S: SC

A: APC

2: SC2

X: None

T: ST

L: LC

U: MU

E: E2000

X: None

Cable Length

Meters ( including Connector )

EX : 003=3M, 015=15M, 100=100M, 0X5=0.5M, 3X5=3.5M, 01K=1KM, 1K5=1.5KM, 10K=10KM