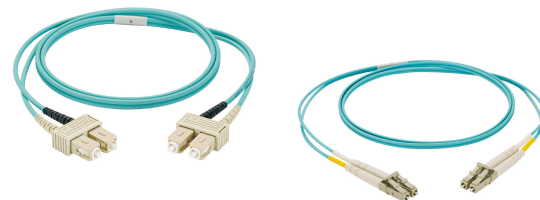


# NetKey® Fiber Optic Patch Cords and Pigtails – OFNR and LSZH

## technical information

NetKey® Fiber Optic Patch Cords include duplex LC, SC, and ST connectors on both ends and pigtails include simplex LC, SC, and ST on one end, and open (un-terminated) on the other end. Patch cords and pigtails meet requirements of TIA/EIA-568-C.3-1. The fiber connectors are FOCIS compliant or compatible and meet the requirements of TIA/EIA-455-21A. Quality control reference label provides lifetime traceability of test data.



## application

Provide interconnect and cross-connect of applications in entrance facilities, telecommunications rooms, data centers, and at the desk. Support network applications to interconnect pre-terminated cassettes in main distribution, horizontal distribution, and equipment distribution areas. Riser rated patch cords support installations that require this flame rating in specific environments.

## standards

<b>Standards requirements:</b>	TIA/EIA 568-C.3-1 and ISO/IEC 61755-3-1 IEC-61754-7 (International) TIA-604-2-A, -3-A, and -10-A FOCIS -2, -3, and -10
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## construction

<b>Fiber Size:</b>	Pigtails: 900µm tight-buffered fiber Patch Cords: 1.6mm or 3.0mm duplex jacketed zip cord cable
<b>Cable Jacket Ratings:</b>	Riser (OFNR): Per UL 1666 and c(UL) FT-4 Low Smoke Zero Halogen (LSZH): Per IEC 60332-1, IEC 60754-2, IEC 61034
<b>Connector Types:</b>	LC, SC, and ST
<b>Jacket Color:</b>	OS2: Yellow OM1: Orange OM2: Orange OM3: Aqua
<b>Fiber Types:</b>	Singlemode: OS2 9/125µm Multimode: OM1 62.5/125µm OM2 50/125µm OM3 10 GbE 50/125µm

## optical properties

<b>Insertion Loss:</b>	All fiber types: 0.30dB max.
<b>Return Loss:</b>	OS2: 50dB min. OM1: 20dB min. OM2: 20dB min. OM3: 26dB min.

# NetKey® Fiber Optic Patch Cords and Pigtails – OFNR and LSZH

## ordering information

Example: NKFPX2ERLSSNM003 = Netkey fiber patch cord, OM3, 2-fiber, 1.6mm cable, riser rated, LC-Duplex to SC-Duplex, Straight Through, 3 meters in length

Character	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Example	N	K	F	P	X	2	E	R	L	S	S	M	0	0	3

### 1 and 2 – Netkey Product

NK = Netkey

### 3 – Product Group

F = Fiber

### 4 – Product Category

P = Patch cord or pigtail

### 5 – Fiber Type

9 = OS2 (9/125µm)

6 = OM1 (62.5/125µm)

5 = OM2 (50/125µm)

X = OM3 (10 GbE 50/125µm)

### 6 – Fiber Count

1 = 1-fiber (Simplex)

2 = 2-fiber (Duplex)

### 7 – Cable Type

3 = 3.0mm

B = 900µm buffer

E = 1.6mm

### 8 – Jacket Rating

L = Low Smoke Zero Halogen (LSZH)

R = Riser (OFNR)

### 9 – Connector A

1 = LC Simplex

2 = ST

3 = SC Simplex

L = LC Duplex

S = SC Duplex

### 10 – Connector B

1 = LC Simplex

2 = ST

3 = SC Simplex

L = LC Duplex

S = SC Duplex

### 11 – Option Variant

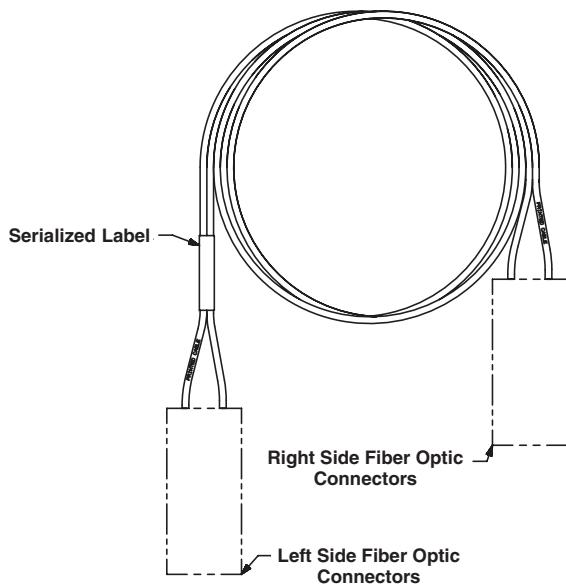
S = Straight through (A-B)

### 12 – Unit of Length

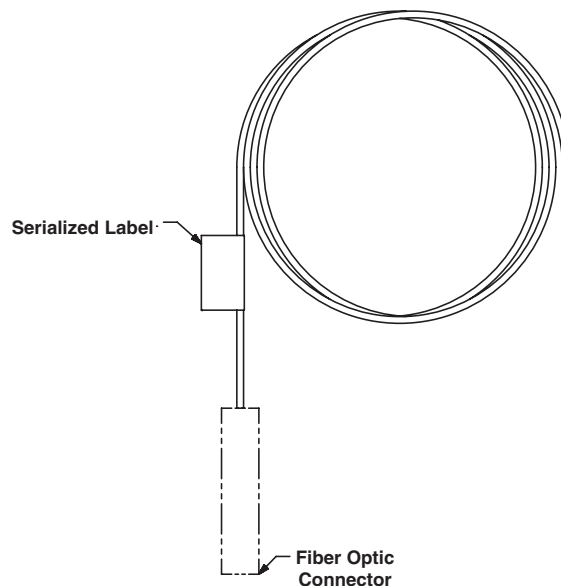
M = Meter

### 13, 14, and 15

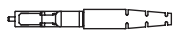
1 - 5, 10, 15, and 20 (Patch cords only)  
(Pigtails available in 1m only)



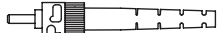
Netkey Patch Cord



Netkey Pigtail



Simplex LC



ST



Simplex SC



Duplex LC



Duplex SC

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