

# NetKey® Fibre Optic Patch Cords and Pigtails – Low Smoke Zero Halogen (LSZH)

Fibre optic patch cords include duplex LC, SC, ST and duplex MT-RJ connectors on both ends. Fibre optic pigtaills include simplex LC, SC and ST on one end and open (unterminated) on the other end. Patch cords and pigtaills meet requirements of TIA/EIA-568-C.3-1. The fibre connectors are FOCIS compliant or compatible and meet the requirements of TIA/EIA-455-21A.



## technical information

<b>Standards requirements:</b>	Compliant with:	TIA/EIA 568-C.3-1 and ISO/IEC 11801 IEC-61754-7 (international)
<b>Fibre size and type:</b>	Patch cords and pigtaills include laser optimized OM3 fibre or OM1, OM2, or OS1 fibre in:	900µm tight-buffered fibre 1.6mm or 3.0mm duplex zipcord jacketed cable 1.8mm duplex zipcord jacketed cable

## key features and benefits

<b>100% performance tested</b>	Assures that patch cords and pigtaills are standard compliant
<b>Low smoke zero halogen rated jacket</b>	Meets IEC-60332 (LSZH) flame rating for standard compliant safety
<b>Q.C. identification label</b>	Quality control reference provides lifetime traceability of test data

## applications

- 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
- Low smoke zero halogen rated patch cords support installations that require this flame rating in specific environments

### NetKey® Low Smoke Zero Halogen (LSZH) Fibre Optic Patch Cords

<b>LC to LC duplex, 1.6mm jacketed:</b>	NKF <sup>^</sup> EL02L-LM*
<b>SC to SC duplex, 3.0mm jacketed:</b>	NKF <sup>^</sup> GL02S-SM*
<b>ST to ST duplex, 3.0mm jacketed:</b>	NKF <sup>^</sup> GL022-2M*
<b>Duplex MT-RJ to MT-RJ, 1.8mm jacketed:</b>	NKF <sup>^</sup> FL02F-FM*

### NetKey® Low Smoke Zero Halogen (LSZH) Hybrid Fibre Optic Patch Cords

<b>SC to LC duplex, 1.6mm jacketed:</b>	NKF <sup>^</sup> EL02S-LM*
<b>ST to SC duplex, 3.0mm jacketed:</b>	NKF <sup>^</sup> GL022-SM*
<b>LC to MT-RJ duplex, 1.8mm jacketed:</b>	NKF <sup>^</sup> FL02L-FM*
<b>SC to MT-RJ duplex, 1.8mm jacketed:</b>	NKF <sup>^</sup> FL02S-FM*
<b>ST to MT-RJ duplex, 1.8mm jacketed:</b>	NKF <sup>^</sup> FL022-FM*

### NetKey® Fibre Optic Pigtaills

<b>LC to pigtail, 900µm buffered fibre:</b>	NKF <sup>^</sup> BN011-NM*
<b>SC to pigtail, 900µm buffered fibre:</b>	NKF <sup>^</sup> BN013-NM*
<b>ST to pigtail, 900µm buffered fibre:</b>	NKF <sup>^</sup> BN012-NM*

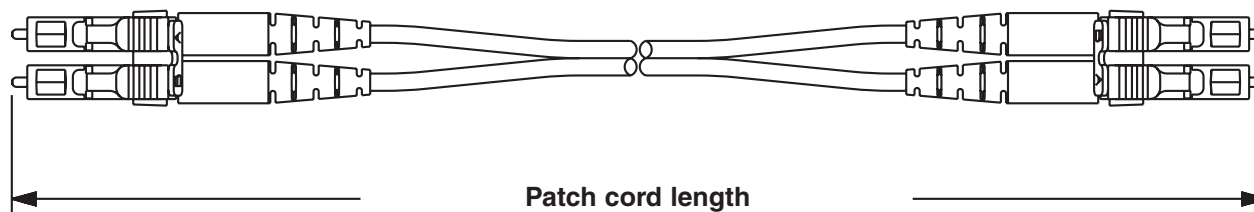
Patch cord part numbers are for low smoke zero halogen (LSZH) rated cable only. Pigtaills are not jacketed and therefore are not flame rated.

<sup>^</sup> Substitute for fibre type:  
X (OM3 – 10Gig 50/125µm)  
5 (OM2 – 50/125µm)  
6 (OM1 – 62.5/125µm)  
9 (OS1 – 9/125µm) and

\* Substitute for length in meters:  
Patch cords – 1m, 2m, 3m, 5m, and 10m  
Pigtaills – 1m, 2m, and 3m



## Fibre Optic Patch Cord Detail



## Ordering Information

N	K	F	-	-	-	-	-	-	-	-	-	-	-
1	2	3	4	5	6	7	8	9	-	11	12	13	14

### 1 and 2 Product Line

NK = NetKey

### 3 Fibre Product

F = Fibre

### 4 Fibre Size

5 = 50/125µm

6 = 62.5/125µm

9 = Singlemode

X = 50/125µm OM3

### 5 Cable Construction

B = 900µm

E = 1.6mm

F = 1.8mm

G = 3mm

### 6 Flame Rating

R = Riser

L = LSZH

N = Non-rated

### 7 and 8 Fibre Count

01 – 12 = No. of fibres

### 9 and 11 Connectors

1 = LC

2 = ST

3 = SC

L = Duplex LC

S = Duplex SC

F = MTRJ/Female

N = Pigtail (no connector)

### 12 Unit of Measure

M = Meters

### 13 and 14 Length

Length in Unit of Measure =

Patch cords are available in lengths of

1, 2, 3, 5 and 10 meters.

Pigtails are available in lengths of

1, 2, and 3 meters.

Ex: NKF5EL02L – LM01 = NetKey® Fibre Optic Patch Cords, 50/125µm, 1.6mm dia., lszh, Duplex, LC to LC, 1 meter length

## Related Products

### NetKey® Fibre Optic Connectors



### NetKey® Enclosures



### NetKey® Adapter Modules



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