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

**PANDUIT®**

DATA SHEET

Fibre optic patch cords include duplex LC, SC, ST and duplex MT-RJ connectors on both ends. Fibre optic pigtails include simplex LC, SC and ST on one end and open (unterminated) on the other end. Patch cords and pigtails 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

| Standards requirements: | Compliant with: | TIA/EIA 568-C.3-1 and ISO/IEC 11801 IEC-61754-7 (international) |
|---|---|---|
| Fibre size and type: | Patch cords and pigtails 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

| 100% performance tested | Assures that patch cords and pigtails are standard compliant |
|---|---|
| Low smoke zero halogen rated jacket | Meets IEC-60332 (LSZH) flame rating for standard compliant safety |
| Q.C. identification label | 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

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

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

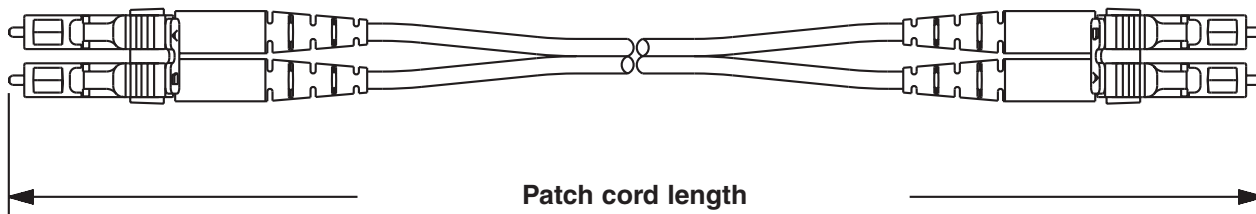| | |
|---|---|
| **SC to LC duplex, 1.6mm jacketed:** | NKF^EL02S-LM* |
| **ST to SC duplex, 3.0mm jacketed:** | NKF^GL022-SM* |
| **LC to MT-RJ duplex, 1.8mm jacketed:** | NKF^FL02L-FM* |
| **SC to MT-RJ duplex, 1.8mm jacketed:** | NKF^FL02S-FM* |
| **ST to MT-RJ duplex, 1.8mm jacketed:** | NKF^FL022-FM*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

### NetKey® Fibre Optic Pigtails

| | |
|---|---|
| **LC to pigtail, 900µm buffered fibre:** | NKF^BN011-NM* |
| **SC to pigtail, 900µm buffered fibre:** | NKF^BN013-NM* |
| **ST to pigtail, 900µm buffered fibre:** | NKF^BN012-NM* |

Patch cord part numbers are for low smoke zero halogen (LSZH) rated cable only.
Pigtails are not jacketed and therefore are not flame rated.
^ 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
Pigtails – 1m, 2m, and 3m

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## Fibre Optic Patch Cord Detail

**Patch cord length**

## 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**

For a copy of Panduit product warranties, log on to www.panduit.com/warranty

**For more information**

**Visit us at www.panduit.com**

**Contact Customer Service by email: cs@panduit.com
or by phone: 800-777-3300 and reference NKDS22**

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