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

PANDUIT®

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

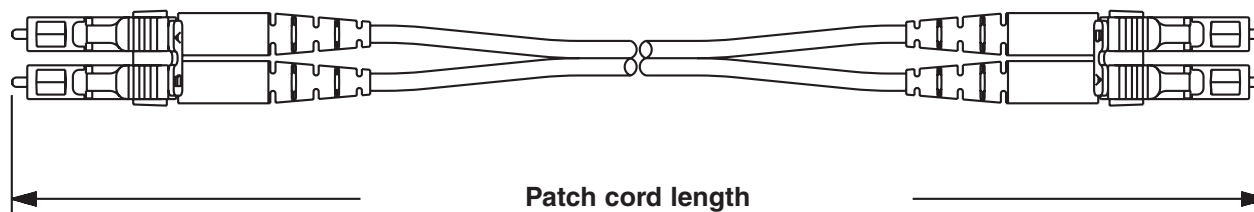|	
LC to pigtail, 900µm buffered fibre:	NKF^BN011-NM*
SC to pigtail, 900µm buffered fibre:	NKF^BN013-NM*
ST to pigtail, 900µm buffered fibre:	NKF^BN012-NM*

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

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 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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