NetKey® Fiber Optic Patch Cords and Pigtails – Riser (OFNR)

PANDUIT®

DATA SHEET

Fiber optic patch cords include duplex LC, SC, ST and duplex MT-RJ connectors on both ends. Fiber 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 fiber 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) TIA-604-5 (FOCIS-5) UL 1666 (OFNR) flame ratings
Fiber size and type:	Patch cords and pigtails include laser optimized OM3 fiber or OM1, OM2, or OS1 fiber in:	900µm tight-buffered fiber 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
Riser rated jacket	Meets UL 1666 (OFNR) flame rating for standard compliant safety
Q.C. identification label	Quality control reference provides lifetime traceability of test data

applications

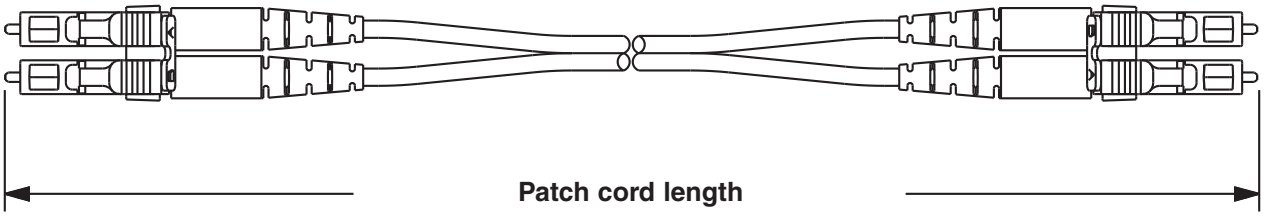
- Provide interconnect and cross-connect of applications in entrance facilities, telecommunications rooms, data centers and at the desk
- Support network applications to interconnect pre-terminated cassettes in main distribution, horizontal distribution and equipment distribution areas
- Riser rated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

NetKey® Riser (OFNR) Fiber Optic Patch Cords	
LC to LC duplex, 1.6mm jacketed:	NKF^ER02L-LM*
SC to SC duplex, 3.0mm jacketed:	NKF^GR02S-SM*
ST to ST duplex, 3.0mm jacketed:	NKF^GR022-2M*
Duplex MT-RJ to MT-RJ, 1.8mm jacketed:	NKF^FR02F-FM*
NetKey® Riser (OFNR) Hybrid Fiber	
SC to LC duplex, 1.6mm jacketed:	NKF^ER02S-LM*
ST to SC duplex, 3.0mm jacketed:	NKF^GR022-SM*
LC to MT-RJ duplex, 1.8mm jacketed:	NKF^FR02L-FM*
SC to MT-RJ duplex, 1.8mm jacketed:	NKF^FR02S-FM*
ST to MT-RJ duplex, 1.8mm jacketed:	NKF^FR022-FM*
NetKey® Fiber Optic Pigtails	
LC to pigtail, 900µm buffered fiber:	NKF^BN011-NM*
SC to pigtail, 900µm buffered fiber:	NKF^BN013-NM*
ST to pigtail, 900µm buffered fiber:	NKF^BN012-NM*

Patch cord part numbers are for riser (OFNR) rated cable only
^ Substitute for fiber 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

NetKey® Fiber Optic Patch Cords and Pigtails – Riser (OFNR)

Fiber Optic Patch Cord Detail



Ordering Information

N	K	F	5	E	R	0	2	L	–	L	M	0	1
1	2	3	4	5	6	7	8	9	10	11	12	13	14

1 and 2 Product Line
NK = NetKey

3 Fiber Product
F = Fiber

4 Fiber 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 Fiber Count
01 – 12 = No. of fibers

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: NKF5ER02L – LM01 = NetKey® Fiber Optic Patch Cords, 50/125µm, 1.6mm dia., riser rated, Duplex, LC to LC, 1 meter length

Related Products

NetKey®
Fiber Optic Connectors

NetKey®
Enclosures

NetKey®
Adapter Modules

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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 NKDS21

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