



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

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

Fiber optic patch cords include duplex LC, SC, ST and duplex MT-RJ connectors on both ends. Fiber 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 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 pigtaills 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 pigtaills 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 Pigtaills

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

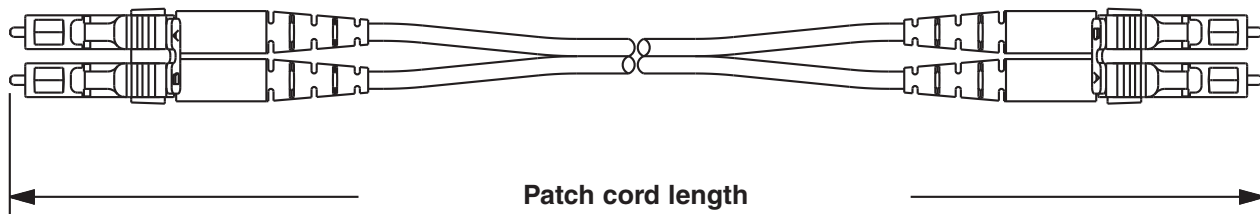
* Substitute for length in meters:

Patch cords – 1m, 2m, 3m, 5m, and 10m

Pigtaills – 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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or by phone: 800-777-3300 and reference NKDS21

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