

# 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

|                                |   |   |
|--------------------------------|---|---|
| <b>Standards requirements:</b> | 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  |
| <b>Fiber size and type:</b>    | Patch cords and pigtaills include laser optimized OM3 fiber or OM1, OM2, or OS1 fiber in: | 900µm tight-buffered fiber<br>1.6mm or 3.0mm duplex zipcord jacketed cable<br>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>Riser rated jacket</b>        | Meets UL 1666 (OFNR) 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
- Riser rated patch cords support installations that require this flame rating in specific environments

### NetKey® Riser (OFNR) Fiber Optic Patch Cords

|   |               |
|---|---------------|
| <b>LC to LC duplex, 1.6mm jacketed:</b>       | NKF^ER02L-LM* |
| <b>SC to SC duplex, 3.0mm jacketed:</b>       | NKF^GR02S-SM* |
| <b>ST to ST duplex, 3.0mm jacketed:</b>       | NKF^GR022-2M* |
| <b>Duplex MT-RJ to MT-RJ, 1.8mm jacketed:</b> | NKF^FR02F-FM* |

### NetKey® Riser (OFNR) Hybrid Fiber

|  |               |
|--|---------------|
| <b>SC to LC duplex, 1.6mm jacketed:</b>    | NKF^ER02S-LM* |
| <b>ST to SC duplex, 3.0mm jacketed:</b>    | NKF^GR022-SM* |
| <b>LC to MT-RJ duplex, 1.8mm jacketed:</b> | NKF^FR02L-FM* |
| <b>SC to MT-RJ duplex, 1.8mm jacketed:</b> | NKF^FR02S-FM* |
| <b>ST to MT-RJ duplex, 1.8mm jacketed:</b> | NKF^FR022-FM* |

### NetKey® Fiber Optic Pigtaills

|   |               |
|---|---------------|
| <b>LC to pigtail, 900µm buffered fiber:</b> | NKF^BN011-NM* |
| <b>SC to pigtail, 900µm buffered fiber:</b> | NKF^BN013-NM* |
| <b>ST to pigtail, 900µm buffered fiber:</b> | 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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- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



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