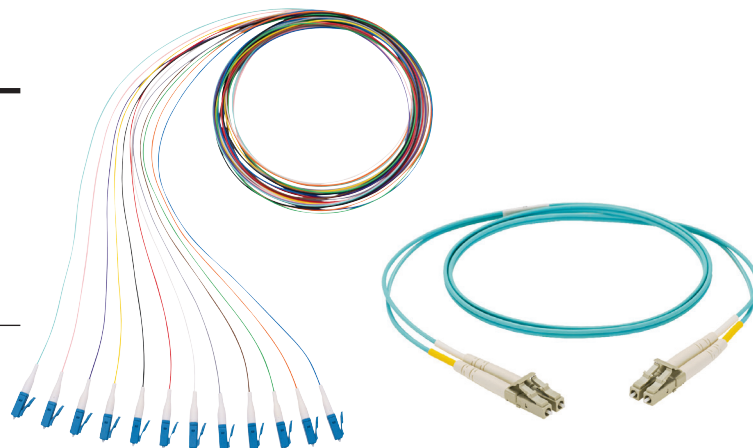


# NetKey® Fiber Optic Patch Cords and Pigtails – OFNR and LSZH

## technical information

NetKey® Fiber Optic Patch Cords include duplex LC, SC, and ST connectors on both ends and pigtails include simplex LC, SC, and ST on one end, and open (un-terminated) 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. Quality control reference label provides lifetime traceability of test data.



## application

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.

## standards

**Standards requirements:** TIA/EIA 568-C.3-1 and ISO/IEC 61755-3-1 IEC-61754-7 (International)  
TIA-604-2-A, -3-A, and -10-A  
FOCIS -2, -3, and -10

## construction

<b>Fiber Size:</b>	Pigtails:	900µm tight-buffered fiber
	Patch Cords:	1.6mm, 2.0mm, and 3.0mm duplex jacketed zip cord cable
<b>Cable Jacket Ratings:</b>	Riser (OFNR):	Per UL 1666 and c(UL) FT-4
	Low Smoke Zero Halogen (LSZH):	Per IEC 60332-1, IEC 60754-2, IEC 61034
<b>Connector Types:</b>	LC, SC, and ST	
<b>Jacket Color:</b>	OS2:	Yellow
	OM1:	Orange
	OM2:	Orange
	OM3:	Aqua
	OM4:	Aqua
<b>Fiber Types:</b>	Singlemode:	OS2 9/125µm
	Multimode:	OM1 62.5/125µm
		OM2 50/125µm
		OM3 50/125µm
		OM4 50/125µm
<b>Ferrule Material:</b>	Zirconia Ceramic	

## optical properties

<b>Insertion Loss:</b>	All fiber types:	0.30dB max.
<b>Return Loss:</b>	OS2:	50dB min.
	OM1:	20dB min.
	OM2:	20dB min.
	OM3:	26dB min.
	OM4:	26dB min.

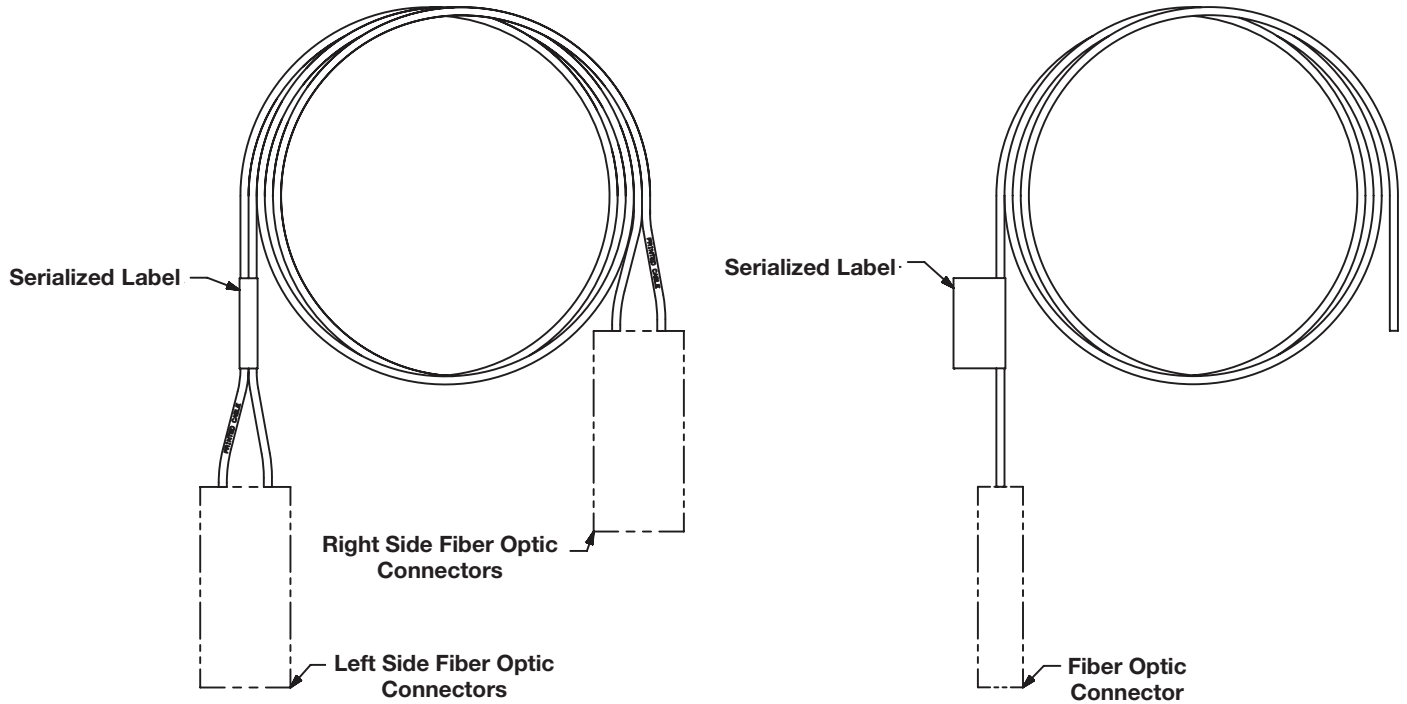
# NetKey® Fiber Optic Patch Cords and Pigtailed – OFNR and LSZH

NetKey® Patch Cords			
Part Number	Connector Type	Flame Rating	Lengths*(meters)
<b>OM4 Multimode Duplex Patch Cords</b>			
NKFPZ22RLLSM001	LC-LC	OFNR	1-10m, 15m, 20m
NKFPZ22LLLSM001	LC-LC	LSZH	1-10m, 15m, 20m
<b>OM3 Multimode Duplex Patch Cords</b>			
NKFPX2ERLLSM001	LC-LC	OFNR	1 - 15m, 20,25,30,35,40,45,50m
NKFPX2ERLSSM001	LC-SC	OFNR	1 - 15m, 20,25,30,35,40,45,50m
NKFPX23RSSSM001	SC-SC	OFNR	1 - 5m, 10,15,20m
NKFPX23R22SM001	ST-ST	OFNR	1 - 5m, 10,15,20m
NKFPX2ELLLSM001	LC-LC	LSZH	1 - 15m, 20,25,30,35,40,45,50m
NKFPX2ELLSSM001	LC-SC	LSZH	1 - 15m, 20,25,30,35,40,45,50m
NKFPX23LSSSM001	SC-SC	LSZH	1 - 5m, 10,15,20m
NKFPX23L22SM001	ST-ST	LSZH	1 - 5m, 10,15,20m
<b>OM2 Multimode Duplex Patch Cords</b>			
NKFP52ERLLSM001	LC-LC	OFNR	1 - 5m, 10,15,20m
NKFP52ERLSSM001	LC-SC	OFNR	1 - 5m, 10,15,20m
NKFP523RSSSM001	SC-SC	OFNR	1 - 5m, 10,15,20m
NKFP523R22SM001	ST-ST	OFNR	1 - 5m, 10,15,20m
NKFP52ELLLSM001	LC-LC	LSZH	1 - 5m, 10,15,20m
NKFP52ELLSSM001	LC-SC	LSZH	1 - 5m, 10,15,20m
NKFP523LSSSM001	SC-SC	LSZH	1 - 5m, 10,15,20m
NKFP523L22SM001	ST-ST	LSZH	1 - 5m, 10,15,20m
<b>OM1 Multimode Duplex Patch Cords</b>			
NKFP62ERLLSM001	LC-LC	OFNR	1 - 5m, 10,15,20m
NKFP62ERLSSM001	LC-SC	OFNR	1 - 5m, 10,15,20m
NKFP623RSSSM001	SC-SC	OFNR	1 - 5m, 10,15,20m
NKFP623R22SM001	ST-ST	OFNR	1 - 5m, 10,15,20m
NKFP62ELLLSM001	LC-LC	LSZH	1 - 5m, 10,15,20m
NKFP62ELLSSM001	LC-SC	LSZH	1 - 5m, 10,15,20m
NKFP623LSSSM001	SC-SC	LSZH	1 - 5m, 10,15,20m
NKFP623L22SM001	ST-ST	LSZH	1 - 5m, 10,15,20m
<b>OS2 Singlemode Duplex Patch Cords</b>			
NKFP92ERLLSM001	LC-LC	OFNR	1 - 15m, 20,25,30,35,40,45,50m
NKFP92ERLSSM001	LC-SC	OFNR	1 - 15m, 20,25,30,35,40,45,50m
NKFP923RSSSM001	SC-SC	OFNR	1 - 5m, 10,15,20m
NKFP923R22SM001	ST-ST	OFNR	1 - 5m, 10,15,20m
NKFP92ELLLSM001	LC-LC	LSZH	1 - 15m, 20,25,30,35,40,45,50m
NKFP92ELLSSM001	LC-SC	LSZH	1 - 15m, 20,25,30,35,40,45,50m
NKFP923LSSSM001	SC-SC	LSZH	1 - 5m, 10,15,20m
NKFP923L22SM001	ST-ST	LSZH	1 - 5m, 10,15,20m

NetKey® Pigtailed		
Part Number	Connector Type	Lengths*(meters)
<b>OM4 Pigtailed</b>		
NKFPZ1BN1NNM001	LC	1m & 2m
<b>OM3 Pigtailed</b>		
NKFPX1BN1NNM001	LC	1m & 2m
NKFPX1BN2NNM001	ST	1m
NKFPX1BN3NNM001	SC	1m
<b>OM2 Pigtailed</b>		
NKFP51BN1NNM001	LC	1m
NKFP51BN2NNM001	ST	1m
NKFP51BN3NNM001	SC	1m
<b>OM1 Pigtailed</b>		
NKFP61BN1NNM001	LC	1m
NKFP61BN2NNM001	ST	1m
NKFP61BN3NNM001	SC	1m
<b>OS2 Pigtailed</b>		
NKFP91BN1NNM001	LC	1m & 2m
NKFP91BN2NNM001	ST	1m
NKFP91BN3NNM001	SC	1m
<b>OM4, OM3 and OS2 Pigtailed Kits (12-color kits)</b>		
NKFPZ1BN1NKM001	LC	1m
NKFPX1BN1NKM001	LC	1m
NKFP91BN1NKM001	LC	1m

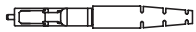
\*Replace last two digits of part number with desired length. Lengths above 20 meters are only available in multiples of 5

# NetKey® Fiber Optic Patch Cords and Pigtails – OFNR and LSZH

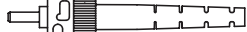


## Netkey Patch Cord

## Netkey Pigtail



Simplex LC



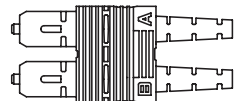
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Simplex SC



Duplex LC



Duplex SC

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