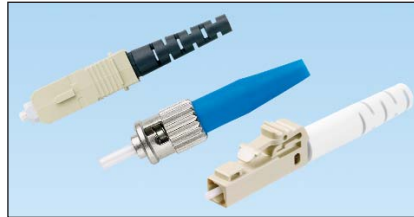


NetKey® Fiber Optic Connectors – Pot and Polish Termination

PANDUIT®

DATA SHEET

Pot and polish fiber optic connectors meet TIA/EIA 568-B.3 requirements, are TIA/EIA-604 FOCIS-3 (SC and ST and TIA/EIA-604 FOCIS-10 (LC) compliant and are field terminable. The fibers terminate in ceramic ferrules with non-optical disconnect functionality. Anaerobic adhesive is recommended for termination.



technical information

	SC Connector – Pot and Polish	ST Connector – Pot and Polish	LC Connector – Pot and Polish
Standards requirements:	TIA/EIA-604 FOCIS-3 compliant	TIA/EIA-604 FOCIS-2 compliant	TIA/EIA-604 FOCIS-10 compliant
	Exceeds TIA/EIA-568-B.3 requirements		
Fiber compatibility:	62.5/125µm OM1, 50/125µm OM2, 10Gig™ 50/125µm laser optimized OM3/OM4 and 9/125µm OS1/OS2		
Jacketed cable size:	3.0mm jacketed cable or 900µm buffered fiber	1.6mm-2.0mm jacketed cable or 900µm buffered fiber	
Insertion loss:	.1dB average (multimode), .15dB (singlemode)	.15dB typical (multimode), 0.20dB typical (singlemode)	.1dB average (multimode and singlemode)
Return loss:	>20dB (multimode), >40dB (singlemode)		

key features and benefits

	SC Connector – Pot and Polish	ST Connector – Pot and Polish	LC Connector – Pot and Polish
Ceramic ferrule	Provides the highest durability for repeated matings		
Non-optical disconnect	Maintains data transmission under tensile loads (SC and LC versions only)		
Robust design	Enhances network reliability; exceeds requirements of TIA/EIA-568-B.3		

applications

- Telecommunication rooms, LANs, public networks and fiber-to-the-desk applications
- Equipment cross-connects or interconnects in backbone, horizontal and work area applications for high speed data transmissions
- Multimode connectors provide easy to terminate and low cost fiber-to-the-desk applications
- Singlemode connectors provide added bandwidth capacity for complete data transmissions

NetKey® SC Pot and Polish Connectors with Zirconia Ceramic Ferrule

62.5/125µm mm simplex – white boot:	NKFSCMWH
50/125µm mm simplex – black boot:	NKFSCMBL
50/125µm OM3/OM4 mm simplex – aqua boot:	NKFSCMAQ
Singlemode simplex – white boot:	NKFSCSWH

NetKey® ST Pot and Polish Connectors with Zirconia Ceramic Ferrule

62.5/125µm or 50/125µm mm – black boot:	NKFSTMABL
62.5/125µm or 50/125µm mm – red boot:	NKFSTMARD
Singlemode with blue boot:	NKFSTSABU

NetKey® LC Pot and Polish Connectors with Zirconia Ceramic Ferrule

62.5/125µm mm simplex – white boot:	NKFLCSMWH
50/125µm mm simplex – black boot:	NKFLCSMBL
50/125µm OM3/OM4 mm simplex – aqua boot:	NKFLCSMAQ
Singlemode simplex – white boot:	NKFLCSSWH

Termination Tooling

110 V termination kit:	FIELDKIT
230 V termination kit:	FIELDKIT-G
Refurbishment kit:	FIELDKITRFB

Singlemode Connectors Also Require

1µm diamond film:	FPF1-V
Polishing cloth:	FPCL-Q
Polishing slurry:	FPSL

SC Duplex Clip

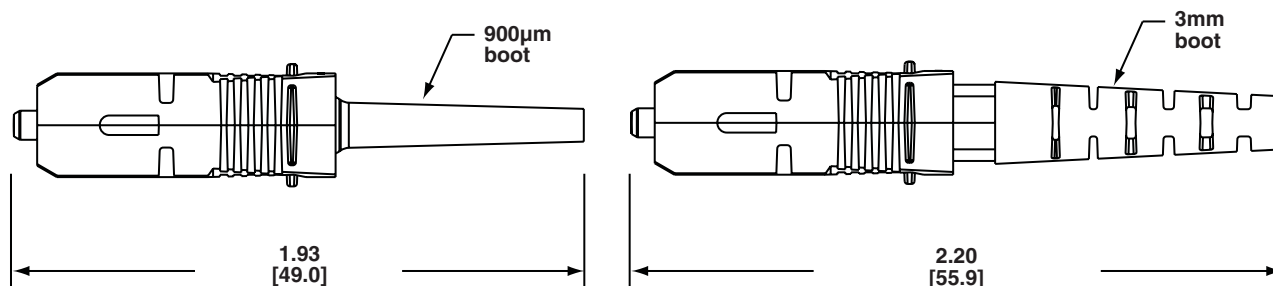
SC duplex clip:	NKFSCCLIP
-----------------	-----------

LC Lock-In Duplex Clip

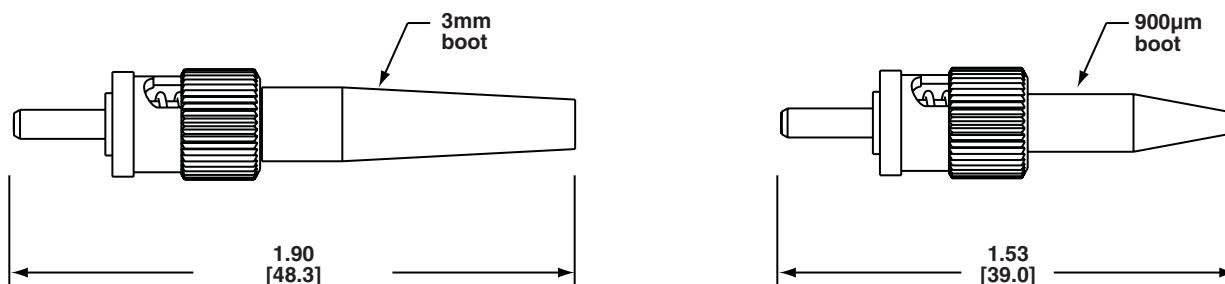
LC lock-in duplex clip:	FLCCLIW-X
LC duplex clip:	NKFLCCLIP

NetKey® Fiber Optic Connectors – Pot and Polish Termination

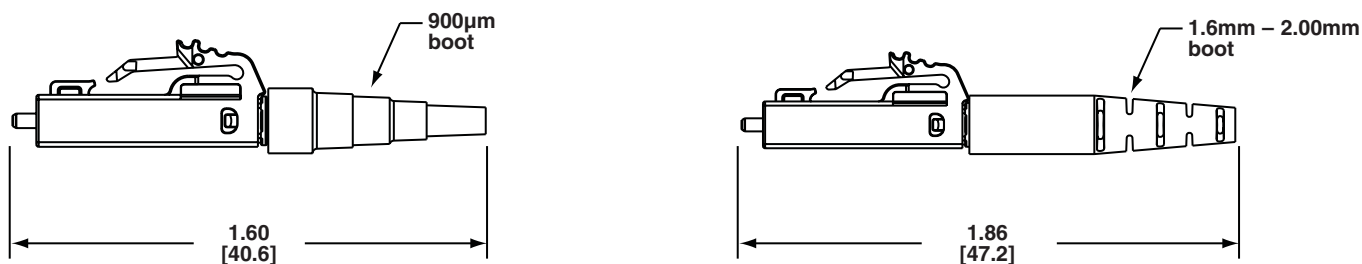
SC Connectors



ST Connectors



LC Connectors



Dimensions are in inches. [Dimensions in brackets are metric].

WORLDWIDE SUBSIDIARIES AND SALES OFFICES

PANDUIT CANADA
Markham, Ontario
cs-cdn@panduit.com
Phone: 800.777.3300

PANDUIT EUROPE LTD.
London, UK
cs-emea@panduit.com
Phone: 44.20.8601.7200

PANDUIT SINGAPORE PTE. LTD.
Republic of Singapore
cs-ap@panduit.com
Phone: 65.6305.7575

PANDUIT JAPAN
Tokyo, Japan
cs-japan@panduit.com
Phone: 81.3.6863.6000

PANDUIT LATIN AMERICA
Jalisco, Mexico
cs-la@panduit.com
Phone: 52.33.3777.6000

PANDUIT AUSTRALIA PTY. LTD.
Victoria, Australia
cs-aus@panduit.com
Phone: 61.3.9794.9020

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 NKDS18

PANDUIT®

©2010 Panduit Corp.
ALL RIGHTS RESERVED.

WW-NKDS18

2/2010

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Fibre Optic Connectors](#) category:

Click to view products by [Panduit](#) manufacturer:

Other Similar products are found below :

[0004700001](#) [6100-R](#) [6313](#) [F709722200](#) [F709730000](#) [F718183204](#) [F727403500](#) [F727752800](#) [8119](#) [9440F20-27S-190](#) [944-120-6001](#)
[9441F10SL-3S](#) [9444W28-21S](#) [9444W36-10S](#) [9446F10SL-4S](#) [9446W20-16S](#) [953-101-5310-P](#) [954-101-57202B](#) [A0270169](#) [12-9122](#) [12-5702](#)
[AX101713](#) [AX102420](#) [AX103923](#) [AX104024](#) [AX104193](#) [AX104230](#) [AX104562](#) [AX105203-B25](#) [AX105205-S1](#) [EHSC2M](#) [17-300800](#)
[181-011-126](#) [181-011-S](#) [181-057-126](#) [HRFC-R2\(40\)](#) [NKSOPBUY](#) [20500002116](#) [2064996-1](#) [20800001065](#) [2170](#) [9132](#) [2612](#) [2620](#) [9291](#)
[9440F16-10S](#) [9440F20-18S](#) [9446F16-10S-190](#) [953-106-50231](#) [953-120-5003](#)