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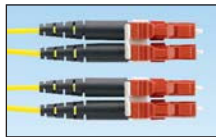Index

PANDUIT® *PHYSICAL INFRASTRUCTURE SYSTEMS*

Keyed Opti-Core® Singlemode 9/125µm (OS1/OS2) Patch Cords and Pigtails

- Pass all TIA/EIA-568-B.3 performance requirements
- 100% factory inspected end face geometry in compliance with Telcordia GR-326-CORE, Issue 3
- Typical insertion loss per connection: 0.25dB
- UPC polished (55dB minimum return loss)
- Include color-specific keys with positive and negative keying features to visually and mechanically distinguish connections to prevent unauthorized mating with unlike keyed or non-keyed adapters

- Part of a complete keyed LC system that includes Opti-Core® Patch Cords and Pigtails, OptiCam® Pre-Polished Cam Connectors, Opticom® Fiber Adapter Panels (FAPs) and Mini-Com® Adapter Modules
- Factory terminated and 100% tested for insertion loss and return loss
- Insertion loss and return loss data recorded for every singlemode patch cord
- Lifetime traceability of test data to a Q.C. number on each patch cord
- Highest quality flame retardant fiber optic cable with tight-buffered coating on each optical fiber

F9E10B-10BM

F9B10C-NM

Part Number	Part Description	Length (m)^	Std. Pkg. Qty.	Std. Ctn. Qty.
Keyed LC to Keyed LC – OS1/OS2 Singlemode Duplex Patch Cords – 1.6mm Jacketed Cable				
F9E10A-10AM1	LC (keyed A – black) to LC (keyed A – black) singlemode duplex patch cord, 1.6mm jacketed cable (one duplex keyed LC connector on each end) – 9/125µm.	1	1	10
F9E10B-10BM1	LC (keyed B – red) to LC (keyed B – red) singlemode duplex patch cord, 1.6mm jacketed cable (one duplex keyed LC connector on each end) – 9/125µm.	1	1	10
F9E10C-10CM1	LC (keyed C – green) to LC (keyed C – green) singlemode duplex patch cord, 1.6mm jacketed cable (one duplex keyed LC connector on each end) – 9/125µm.	1	1	10
F9E10D-10DM1	LC (keyed D – yellow) to LC (keyed D – yellow) singlemode duplex patch cord, 1.6mm jacketed cable (one duplex keyed LC connector on each end) – 9/125µm.	1	1	10
F9E10E-10EM1	LC (keyed E – orange) to LC (keyed E – orange) singlemode duplex patch cord, 1.6mm jacketed cable (one duplex keyed LC connector on each end) – 9/125µm.	1	1	10
F9E10F-10FM1	LC (keyed F – dark blue) to LC (keyed F – dark blue) singlemode duplex patch cord, 1.6mm jacketed cable (one duplex keyed LC connector on each end) – 9/125µm.	1	1	10
Keyed LC to Pigtail – OS1/OS2 Singlemode Simplex Pigtail – 900µm Buffered Fiber				
F9B10A-NM1	LC (keyed A – black) to pigtail singlemode simplex pigtail, 900µm buffered fiber (one keyed LC connector on one end and open on the other end) – 9/125µm.	1	1	10
F9B10B-NM1	LC (keyed B – red) to pigtail singlemode simplex pigtail, 900µm buffered fiber (one keyed LC connector on one end and open on the other end) – 9/125µm.	1	1	10
F9B10C-NM1	LC (keyed C – green) to pigtail singlemode simplex pigtail, 900µm buffered fiber (one keyed LC connector on one end and open on the other end) – 9/125µm.	1	1	10
F9B10D-NM1	LC (keyed D – yellow) to pigtail singlemode simplex pigtail, 900µm buffered fiber (one keyed LC connector on one end and open on the other end) – 9/125µm.	1	1	10
F9B10E-NM1	LC (keyed E – orange) to pigtail singlemode simplex pigtail, 900µm buffered fiber (one keyed LC connector on one end and open on the other end) – 9/125µm.	1	1	10
F9B10F-NM1	LC (keyed F – dark blue) to pigtail singlemode simplex pigtail, 900µm buffered fiber (one keyed LC connector on one end and open on the other end) – 9/125µm.	1	1	10
Keyed LC to Pigtail – OS1/OS2 Singlemode Duplex Plenum Pigtail – 1.6mm Jacketed Cable				
F9PE10A-NM1	LC (keyed A – black) to pigtail singlemode duplex plenum pigtail, 1.6mm jacketed cable (one duplex keyed LC connector on one end and open on the other end) – 9/125µm.	1	1	10
F9PE10B-NM1	LC (keyed B – red) to pigtail singlemode duplex plenum pigtail, 1.6mm jacketed cable (one duplex keyed LC connector on one end and open on the other end) – 9/125µm.	1	1	10

^Additional lengths and availability: Keyed LC patch cords and pigtails are available in 1m – 10m lengths in 1m increments, and 15m, 20m, and 30m lengths. Keyed FJ® Plug Patch Cords and Pigtails are available in 1m, 2m, 3m, 5m and 10m lengths. To order lengths other than 1m, replace the 1 after the M (F9E10A-10AM1) with the desired length (F9E10A-10AM2 for 2 meter length). The above lengths are stock items. For other lengths, contact Customer Service for actual lead times.

The Keyed LC Fiber Optic System is now offering 18 colors to ensure network physical layer security with color-specific keyed connectivity. For complete keyed solutions, please reference www.panduit.com.

Keyed Opti-Core® Singlemode 9/125µm (OS1/OS2) Patch Cords and Pigtails (continued)

F9PE10D-NM

F9E10E-10M

F9E3-10FM

Part Number	Part Description	Length (m)^	Std. Pkg. Qty.	Std. Ctn. Qty.
F9PE10C-NM1	LC (keyed C – green) to pigtail singlemode duplex plenum pigtail, 1.6mm jacketed cable (one duplex keyed LC connector on one end and open on the other end) – 9/125µm.	1	1	10
F9PE10D-NM1	LC (keyed D – yellow) to pigtail singlemode duplex plenum pigtail, 1.6mm jacketed cable (one duplex keyed LC connector on one end and open on the other end) – 9/125µm.	1	1	10
F9PE10E-NM1	LC (keyed E – orange) to pigtail singlemode duplex plenum pigtail, 1.6mm jacketed cable (one duplex keyed LC connector on one end and open on the other end) – 9/125µm.	1	1	10
F9PE10F-NM1	LC (keyed F – dark blue) to pigtail singlemode duplex plenum pigtail, 1.6mm jacketed cable (one duplex keyed LC connector on one end and open on the other end) – 9/125µm.	1	1	10
Keyed LC to LC – OS1/OS2 Singlemode Duplex Patch Cords – 1.6mm Jacketed Cable				
F9E10A-10M1	LC (keyed A – black) to LC singlemode duplex patch cord, 1.6mm jacketed cable (one duplex keyed LC connector on one end and one duplex LC connector on the other end) – 9/125µm.	1	1	10
F9E10B-10M1	LC (keyed B – red) to LC singlemode duplex patch cord, 1.6mm jacketed cable (one duplex keyed LC connector on one end and one duplex LC connector on the other end) – 9/125µm.	1	1	10
F9E10C-10M1	LC (keyed C – green) to LC singlemode duplex patch cord, 1.6mm jacketed cable (one duplex keyed LC connector on one end and one duplex LC connector on the other end) – 9/125µm.	1	1	10
F9E10D-10M1	LC (keyed D – yellow) to LC singlemode duplex patch cord, 1.6mm jacketed cable (one duplex keyed LC connector on one end and one duplex LC connector on the other end) – 9/125µm.	1	1	10
F9E10E-10M1	LC (keyed E – orange) to LC singlemode duplex patch cord, 1.6mm jacketed cable (one duplex keyed LC connector on one end and one duplex LC connector on the other end) – 9/125µm.	1	1	10
F9E10F-10M1	LC (keyed F – dark blue) to LC singlemode duplex patch cord, 1.6mm jacketed cable (one duplex keyed LC connector on one end and one duplex LC connector on the other end) – 9/125µm.	1	1	10
SC to Keyed LC – OS1/OS2 Singlemode Duplex Patch Cords – 1.6mm Jacketed Cable				
F9E3-10AM1	SC to LC (keyed A – black) singlemode duplex patch cord, 1.6mm jacketed cable (one duplex SC connector on one end and one duplex keyed LC connector on the other end) – 9/125µm.	1	1	10
F9E3-10BM1	SC to LC (keyed B – red) singlemode duplex patch cord, 1.6mm jacketed cable (one duplex SC connector on one end and one duplex keyed LC connector on the other end) – 9/125µm.	1	1	10
F9E3-10CM1	SC to LC (keyed C – green) singlemode duplex patch cord, 1.6mm jacketed cable (one duplex SC connector on one end and one duplex keyed C LC connector on the other end) – 9/125µm.	1	1	10
F9E3-10DM1	SC to LC (keyed D – yellow) singlemode duplex patch cord, 1.6mm jacketed cable (one duplex SC connector on one end and one duplex keyed LC connector on the other end) – 9/125µm.	1	1	10
F9E3-10EM1	SC to LC (keyed E – orange) singlemode duplex patch cord, 1.6mm jacketed cable (one duplex SC connector on one end and one duplex keyed LC connector on the other end) – 9/125µm.	1	1	10
F9E3-10FM1	SC to LC (keyed F – dark blue) singlemode duplex patch cord, 1.6mm jacketed cable (one duplex SC connector on one end and one duplex keyed LC connector on the other end) – 9/125µm.	1	1	10

^Additional lengths and availability: Keyed LC patch cords and pigtails are available in 1m – 10m lengths in 1m increments, and 15m, 20m, and 30m lengths. Keyed FJ® Plug Patch Cords and Pigtails are available in 1m, 2m, 3m, 5m and 10m lengths. To order lengths other than 1m, replace the 1 after the M (F9E10A-10AM1) with the desired length (F9E10A-10AM2 for 2 meter length). The above lengths are stock items. For other lengths, contact Customer Service for actual lead times.

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Cable Self-Laminating Labels for Keyed Opti-Core® Singlemode 9/125µm (OS1/OS2) Patch Cords and Pigtails

Suggested Label Solutions for TIA/EIA-606-A Compliance				
Patch Cord Part Number	**Laser/Ink Jet Desktop Printer Label**	**TDP43ME Thermal Transfer Desktop Printer Label**	**PanTher™ LS8E Hand-Held Printer Label**	**Cougar™ LS9 Hand-Held Printer Label**
All F9E parts	**S100X160YAJ and NWSLC-3Y‡**	**S100X150VATY and NWSLC-3Y‡**	**S100X160VAC and NWSLC-3Y‡**	**T100X000CBC-BK and NWSLC-3Y**

For complete labeling solutions and product information, reference charts on pages O.1 – O.18
‡For complete information on fiber optic cable identification solutions, reference page C.92.

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