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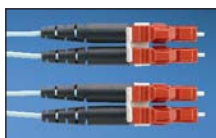Index

PANDUIT®

PHYSICAL INFRASTRUCTURE SYSTEMS

Keyed Opti-Core® 10Gig™ 50/125µm (OM3) Fiber Optic Patch Cords and Pigtails

- Patch cords are tested to support network transmission speeds up to 10 Gb/s for link lengths up to 300 meters with an 850nm source per IEEE 802.3ae 10 GbE standard
- Pass all TIA/EIA-568-B.3 performance requirements
- Insertion loss per connection: 0.10dB typical; 0.30dB maximum
- 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
- Backward compatible for use with all 50/125µm system requirements
- Factory terminated and 100% tested for insertion loss
- Insertion loss data recorded for every multimode 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

FXE10B-10BM

FXB10C-NM

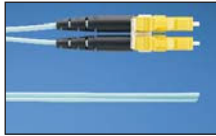| Part Number	Part Description	Length (m)^	Std. Pkg. Qty.	Std. Ctn. Qty.
Keyed LC to Keyed LC – 10Gig™ OM3 Multimode Duplex Patch Cords – 1.6mm Jacketed Cable				
FXE10A-10AM1	LC (keyed A – black) to LC (keyed A – black) multimode duplex patch cord, 1.6mm jacketed cable (one duplex keyed LC connector on each end) – 10Gig™ 50/125µm.	1	1	10
FXE10B-10BM1	LC (keyed B – red) to LC (keyed B – red) multimode duplex patch cord, 1.6mm jacketed cable (one duplex keyed LC connector on each end) – 10Gig™ 50/125µm.	1	1	10
FXE10C-10CM1	LC (keyed C – green) to LC (keyed C – green) multimode duplex patch cord, 1.6mm jacketed cable (one duplex keyed LC connector on each end) – 10Gig™ 50/125µm.	1	1	10
FXE10D-10DM1	LC (keyed D – yellow) to LC (keyed D – yellow) multimode duplex patch cord, 1.6mm jacketed cable (one duplex keyed D – yellow LC connector on each end) – 10Gig™ 50/125µm.	1	1	10
FXE10E-10EM1	LC (keyed E – orange) to LC (keyed E – orange) multimode duplex patch cord, 1.6mm jacketed cable (one duplex keyed LC connector on each end) – 10Gig™ 50/125µm.	1	1	10
FXE10F-10FM1	LC (keyed F – dark blue) to LC (keyed F – dark blue) multimode duplex patch cord, 1.6mm jacketed cable (one duplex keyed LC connector on each end) – 10Gig™ 50/125µm.	1	1	10
Keyed LC to Pigtail – 10Gig™ OM3 Multimode Simplex Pigtail – 900µm Buffered Fiber				
FXB10A-NM1	LC (keyed A – black) to pigtail multimode simplex pigtail, 900µm buffered fiber (one keyed LC connector on one end and open on the other end) – 10Gig™ 50/125µm.	1	1	10
FXB10B-NM1	LC (keyed B – red) to pigtail multimode simplex pigtail, 900µm buffered fiber (one keyed LC connector on one end and open on the other end) – 10Gig™ 50/125µm.	1	1	10
FXB10C-NM1	LC (keyed C – green) to pigtail multimode simplex pigtail, 900µm buffered fiber (one keyed LC connector on one end and open on the other end) – 10Gig™ 50/125µm.	1	1	10
FXB10D-NM1	LC (keyed D – yellow) to pigtail multimode simplex pigtail, 900µm buffered fiber (one keyed LC connector on one end and open on the other end) – 10Gig™ 50/125µm.	1	1	10
FXB10E-NM1	LC (keyed E – orange) to pigtail multimode simplex pigtail, 900µm buffered fiber (one keyed LC connector on one end and open on the other end) – 10Gig™ 50/125µm.	1	1	10
FXB10F-NM1	LC (keyed F – dark blue) to pigtail multimode simplex pigtail, 900µm buffered fiber (one keyed LC connector on one end and open on the other end) – 10Gig™ 50/125µm.	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 (FXE10A-10AM1) with the desired length (FXE10A-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® 10Gig™ 50/125µm (OM3) Fiber Optic Patch Cords and Pigtails (continued)

FXPE10D-NM

FXE10E-10M

Part Number	Part Description	Length (m)^	Std. Pkg. Qty.	Std. Ctn. Qty.
Keyed LC to Pigtail – 10Gig™ OM3 Multimode Duplex Plenum Pigtail – 1.6mm Jacketed Cable				
FXPE10A-NM1	LC (keyed A – black) to pigtail multimode duplex plenum pigtail, 1.6mm jacketed cable (one duplex keyed LC connector on one end and open on the other end) – 10Gig™ 50/125µm.	1	1	10
FXPE10B-NM1	LC (keyed B – red) to pigtail multimode duplex plenum pigtail, 1.6mm jacketed cable (one duplex keyed LC connector on one end and open on the other end) – 10Gig™ 50/125µm.	1	1	10
FXPE10C-NM1	LC (keyed C – green) to pigtail multimode duplex plenum pigtail, 1.6mm jacketed cable (one duplex keyed LC connector on one end and open on the other end) – 10Gig™ 50/125µm.	1	1	10
FXPE10D-NM1	LC (keyed D – yellow) to pigtail multimode duplex plenum pigtail, 1.6mm jacketed cable (one duplex keyed LC connector on one end and open on the other end) – 10Gig™ 50/125µm.	1	1	10
FXPE10E-NM1	LC (keyed E – orange) to pigtail multimode duplex plenum pigtail, 1.6mm jacketed cable (one duplex keyed LC connector on one end and open on the other end) – 10Gig™ 50/125µm.	1	1	10
FXPE10F-NM1	LC (keyed F – dark blue) to pigtail multimode duplex plenum pigtail, 1.6mm jacketed cable (one duplex keyed LC connector on one end and open on the other end) – 10Gig™ 50/125µm.	1	1	10
Keyed LC to LC – 10Gig™ OM3 Multimode Duplex Patch Cords – 1.6mm Jacketed Cable				
FXE10A-10M1	LC (keyed A – black) to LC multimode duplex patch cord, 1.6mm jacketed cable (one duplex keyed LC connector on one end and one duplex LC connector on the other end) – 10Gig™ 50/125µm.	1	1	10
FXE10B-10M1	LC (keyed B – red) to LC multimode duplex patch cord, 1.6mm jacketed cable (one duplex keyed LC connector on one end and one duplex LC connector on the other end) – 10Gig™ 50/125µm.	1	1	10
FXE10C-10M1	LC (keyed C – green) to LC multimode duplex patch cord, 10 GbE, 1.6mm jacketed cable (one duplex keyed LC connector on one end and one duplex LC connector on the other end) – 10Gig™ 50/125µm.	1	1	10
FXE10D-10M1	LC (keyed D – yellow) to LC multimode duplex patch cord, 1.6mm jacketed cable (one duplex keyed LC connector on one end and one duplex LC connector on the other end) – 10Gig™ 50/125µm.	1	1	10
FXE10E-10M1	LC (keyed E – orange) to LC multimode duplex patch cord, 1.6mm jacketed cable (one duplex keyed LC connector on one end and one duplex LC connector on the other end) – 10Gig™ 50/125µm.	1	1	10
FXE10F-10M1	LC (keyed F – dark blue) to LC multimode duplex patch cord, 1.6mm jacketed cable (one duplex keyed LC connector on one end and one duplex LC connector on the other end) – 10Gig™ 50/125µm.	1	1	10

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Keyed Opti-Core® 10Gig™ 50/125µm (OM3) Fiber Optic Patch Cords and Pigtails (continued)

FXE3-10FM

FXD6PW-3M*Y

FXD6PX-3M*Y

FXD6PY-3M*Y

FXD6PZ-3M*Y

Part Number	Part Description	Length (m)^	Std. Pkg. Qty.	Std. Ctn. Qty.
SC to Keyed LC – 10Gig™ OM3 Multimode Duplex Patch Cords – 1.6mm Jacketed Cable				
FXE3-10AM1	SC to LC (keyed A – black) multimode duplex patch cord, 1.6mm jacketed cable (one duplex SC connector on one end and one duplex keyed LC connector on the other end) – 10Gig™ 50/125µm.	1	1	10
FXE3-10BM1	SC to LC (keyed B – red) multimode duplex patch cord, 1.6mm jacketed cable (one duplex SC connector on one end and one duplex keyed LC connector on the other end) – 10Gig™ 50/125µm.	1	1	10
FXE3-10CM1	SC to LC (keyed C – green) multimode duplex patch cord, 1.6mm jacketed cable (one duplex SC connector on one end and one duplex keyed LC connector on the other end) – 10Gig™ 50/125µm.	1	1	10
FXE3-10DM1	SC to LC (keyed D – yellow) multimode duplex patch cord, 1.6mm jacketed cable (one duplex SC connector on one end and one duplex keyed LC connector on the other end) – 10Gig™ 50/125µm.	1	1	10
FXE3-10EM1	SC to LC (keyed E – orange) multimode duplex patch cord, 1.6mm jacketed cable (one duplex SC connector on one end and one duplex keyed LC connector on the other end) – 10Gig™ 50/125µm.	1	1	10
FXE3-10FM1	SC to LC (keyed F – dark blue) multimode duplex patch cord, 1.6mm jacketed cable (one duplex SC connector on one end and one duplex keyed LC connector on the other end) – 10Gig™ 50/125µm.	1	1	10
Keyed FJ® Plug to SC – 10Gig™ OM3 Multimode Duplex Patch Cords – 3mm Jacketed Cable				
FXD6PW-3M1Y	FJ® Plug (keyed W – black) to SC multimode duplex patch cord, 3mm jacketed cable (one keyed FJ® Plug on one end and one duplex SC connector on the other end) – 10Gig™ 50/125µm.	1	1	10
FXD6PX-3M1Y	FJ® Plug (keyed X – red) to SC multimode duplex patch cord, 3mm jacketed cable (one keyed FJ® Plug on one end and one duplex SC connector on the other end) – 10Gig™ 50/125µm.	1	1	10
FXD6PY-3M1Y	FJ® Plug (keyed Y – orange) to SC multimode duplex patch cord, 3mm jacketed cable (one keyed FJ® Plug on one end and one duplex SC connector on the other end) – 10Gig™ 50/125µm.	1	1	10
FXD6PZ-3M1Y	FJ® Plug (keyed Z – yellow) to SC multimode duplex patch cord, 3mm jacketed cable (one keyed FJ® Plug on one end and one duplex SC connector on the other end) – 10Gig™ 50/125µm.	1	1	10

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Cable Self-Laminating Labels for Keyed Opti-Core® 10Gig™ 50/125µm (OM3) Fiber Optic 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 FXE parts	**S100X160YAJ and NWSLC-3Y‡**	**S100X150VATY and NWSLC-3Y‡**	**S100X160VAC and NWSLC-3Y‡**	**T100X000CBC-BK and NWSLC-3Y**
All FXD parts	**S100X220YAJ and NWSLC-7Y‡**	**S100X225VATY and NWSLC-7Y‡**	**S100X220VAC and NWSLC-7Y‡**	**T100X000CBC-BK and NWSLC-7Y**

For complete labeling solutions and product information, reference charts on pages O.1 – O.18 of SA-NCCB51.
‡For complete information on fiber optic cable identification solutions, reference page C.92 of SA-NCCB51.