

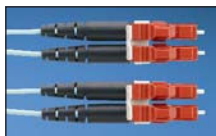


## Keyed Opti-Core<sup>®</sup> 10Gig<sup>™</sup> 50/125μm (OM3) Fiber Optic Patch Cords and Pigtails

- 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<sup>®</sup> Patch Cords and Pigtails, OptiCam<sup>®</sup> Pre-Polished Cam Connectors, Opticom<sup>®</sup> Fiber Adapter Panels (FAPs) and Mini-Com<sup>®</sup> 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

Part Number	Part Description	Length (m) <sup>^</sup>	Std. Pkg. Qty.	Std. Ctn. Qty.
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### Keyed LC to Keyed LC – 10Gig<sup>™</sup> OM3 Multimode Duplex Patch Cords – 1.6mm Jacketed Cable

**FXE10B-10BM**

<b>FXE10A-10AM1</b>	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 <sup>™</sup> 50/125μm.	1	1	10
<b>FXE10B-10BM1</b>	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 <sup>™</sup> 50/125μm.	1	1	10
<b>FXE10C-10CM1</b>	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 <sup>™</sup> 50/125μm.	1	1	10
<b>FXE10D-10DM1</b>	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 <sup>™</sup> 50/125μm.	1	1	10
<b>FXE10E-10EM1</b>	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 <sup>™</sup> 50/125μm.	1	1	10
<b>FXE10F-10FM1</b>	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 <sup>™</sup> 50/125μm.	1	1	10

### Keyed LC to Pigtail – 10Gig<sup>™</sup> OM3 Multimode Simplex Pigtail – 900μm Buffered Fiber

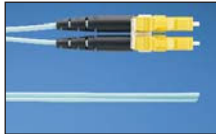
**FXB10C-NM**

<b>FXB10A-NM1</b>	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 <sup>™</sup> 50/125μm.	1	1	10
<b>FXB10B-NM1</b>	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 <sup>™</sup> 50/125μm.	1	1	10
<b>FXB10C-NM1</b>	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 <sup>™</sup> 50/125μm.	1	1	10
<b>FXB10D-NM1</b>	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 <sup>™</sup> 50/125μm.	1	1	10
<b>FXB10E-NM1</b>	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 <sup>™</sup> 50/125μm.	1	1	10
<b>FXB10F-NM1</b>	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 <sup>™</sup> 50/125μm.	1	1	10

<sup>^</sup>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<sup>®</sup> 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](http://www.panduit.com).

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



FXPE10D-NM1



FXE10E-10M1

Part Number	Part Description	Length (m)^	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>Keyed LC to Pigtail – 10Gig™ OM3 Multimode Duplex Plenum Pigtail – 1.6mm Jacketed Cable</b>				
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

^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.

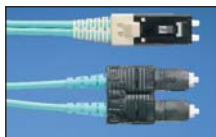
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Table continues on next page

### 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) <sup>^</sup>	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>SC to Keyed LC – 10Gig™ OM3 Multimode Duplex Patch Cords – 1.6mm Jacketed Cable</b>				
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

<sup>^</sup>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.

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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	<b>S100X160YAJ</b> and NWSLC-3Y‡	<b>S100X150VATY</b> and NWSLC-3Y‡	<b>S100X160VAC</b> and NWSLC-3Y‡	<b>T100X000CBC-BK</b> and NWSLC-3Y
All FXD parts	<b>S100X220YAJ</b> and NWSLC-7Y‡	<b>S100X225VATY</b> and NWSLC-7Y‡	<b>S100X220VAC</b> and NWSLC-7Y‡	<b>T100X000CBC-BK</b> 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.

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «JONHON», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «FORSTAR».



## JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели, кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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