

### Opti-Core® 10Gig 50/125µm (OM3/OM4) Patch Cords and Pigtails

- Available in riser (OFNR) or plenum (OFNP) flame ratings; part numbers listed are for OFNR (FXE10-10M1Y)
- For OFNP, place a P after the X in the part number and drop the Y (FXPE10-10M1)
- 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
- LC and SC connector housing and boot colors follow TIA/EIA-568-C.3 suggested color identification scheme
- Insertion loss per connection: 0.10dB typical; 0.30dB maximum
- 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
- Patch cords are tested to support network transmission speeds up to 10 Gb/s for link lengths up to 550 meters with an 850nm source per IEEE 802.3ae 10 GbE standard



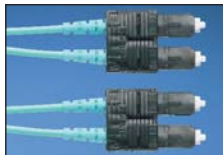
FZE10-10M\*



FXF10-10M\*Y



FZB10-NM\*



FZD3-3M\*



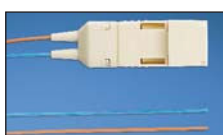
FZB3-NM\*



FXD6P-6PM\*Y



FXD6J-NM\*Y



FXB6J-NM\*Y

Part Number	Part Description	Length (m) <sup>^</sup>	Std. Pkg. Qty.	Std. Ctn. Qty.
<b>LC to LC – 10Gig™ OM4 Multimode Duplex Patch Cords – 1.6mm Jacketed Cable</b>				
FZE10-10M1	LC to LC Patch Cord, Standard OM4, Riser, 0.25 dB IL Loss, Duplex, 1.6mm jacketed cable, 1m	1	1	10
<b>LC to Pigtail – 10Gig™ OM4 Multimode Simplex Pigtails – 900µm Buffered Fiber</b>				
FZB10-NM1	LC to Pigtail Patch Cord, Standard OM4, Riser, 0.25 dB IL Loss, Simplex Pigtails, 900µ Buffered Fiber, 1m	1	1	10
<b>SC to SC – 10Gig™ OM4 Multimode Duplex Patch Cords – 3mm Jacketed Cable</b>				
FZD3-3M1	SC to SC Patch Cord, Standard OM4, Riser, 0.25 dB IL Loss, Duplex, 3.0mm jacketed cable, 1m	1	1	10
<b>SC to Pigtail – 10Gig™ OM4 Multimode Simplex Pigtails – 900µm Buffered Fiber</b>				
FZB3-NM1	SC to Pigtail Patch Cord, Standard OM4, Riser, 0.25 dB IL Loss, Simplex Pigtails, 900µ Buffered Fiber, 1m	1	1	10
<b>SC to LC – 10Gig™ OM4 Multimode Duplex Patch Cords – 1.6mm Jacketed Cable</b>				
FZE3-10M1	SC to LC Patch Cord, Standard OM4, Riser, 0.25 dB IL Loss, Duplex, 1.6mm jacketed cable, 1m	1	1	10
<b>LC to LC – 10Gig™ OM3 Multimode Duplex Patch Cords – 1.6mm Jacketed Cable</b>				
FXE10-10M1Y	LC to LC multimode duplex patch cord, 1.6mm jacketed cable (two duplex LC connectors on each end) – 10Gig™ 50/125µm.	1	1	10
<b>LC to Pigtail – 10Gig™ OM3 Multimode Simplex Pigtails – 900µm Buffered Fiber</b>				
FXB10-NM1Y	LC to pigtail multimode simplex pigtail, 900µm buffered fiber (one LC connector on one end and open on the other end) – 10Gig™ 50/125µm.	1	1	10
<b>SC to SC – 10Gig™ OM3 Multimode Duplex Patch Cords – 3mm Jacketed Cable</b>				
FXD3-3M1Y	SC to SC multimode duplex patch cord, 3mm jacketed cable (one duplex SC connector on each end) – 10Gig™ 50/125µm.	1	1	10
<b>SC to Pigtail – 10Gig™ OM3 Multimode Simplex Patch Cords – 900µm Buffered Fiber</b>				
FXB3-NM1Y	SC to pigtail multimode simplex pigtail, 900µm buffered fiber (one SC connector on one end and open on the other end) – 10Gig™ 50/125µm.	1	1	10
<b>FJ® Plug to FJ® Plug – 10Gig™ OM3 Multimode Duplex Patch Cords – 3mm Jacketed Cable</b>				
FXD6P-6PM1Y	FJ® Plug to FJ® Plug multimode duplex patch cord, 3mm jacketed cable (one FJ® plug on each end) – 10Gig™ 50/125µm.	1	1	10
<b>FJ® Jack Module to Pigtail – 10Gig™ OM3 Multimode Duplex Patch Cords – 3mm Jacketed Cable</b>				
FXD6J-NM1Y	FJ® Jack Module to pigtail multimode duplex pigtail, 3mm jacketed cable (one FJ® Jack Module on one end and open on the other end) – 10Gig™ 50/125µm.	1	1	10
<b>FJ® Jack Module to Pigtail – 10Gig™ OM3 Multimode Duplex Pigtails – 900µm Buffered Fiber</b>				
FXB6J-NM1Y	FJ® Jack Module to pigtail multimode duplex pigtail, 900µm buffered fiber (one FJ® Jack Module on one end and open on the other end) – 10Gig™ 50/125µm.	1	1	10

<sup>^</sup>Additional lengths and availability: Patch cords are available in 1 – 10 meter lengths in 1 meter increments, and 15, 20, 25 and 30 meter lengths. Pigtails are available in 1, 2, and 3 meter lengths. To order lengths other than 1 meter, replace the 1 after the M (FXD3-3M1Y) with the desired length (FXD3-3M2Y for 2 meter length). The above lengths are stock items. For other lengths, contact Customer Service for actual lead times.

For optimized OM3 or OM4 patch cords, add an "O" after the "X" or "Z" in the part number. (ex: FZOE10-10M)

*Table continues next page*

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Panduit:

[FXE10-10M1Y](#) [FXE3-10M1Y](#) [FZB3-NM1](#) [FZE10-10M1](#) [FZB10-NM1](#)