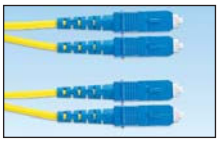
Opti-Core® Singlemode 9/125µm (OS1/OS2) Fiber Optic Patch Cords and Pigtails

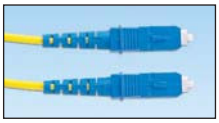
- Available in riser (OFNR) or plenum (OFNP) flame ratings; part numbers listed are for OFNR (F9E10-10M1Y)
- For OFNP, place a P after the X in the part number and drop the Y (F9PE10-10M1)
- Pass all TIA/EIA-568-B.3 performance requirements
- LC and SC connector housing and boot colors follow TIA/EIA-568-C.3 suggested color identification scheme
- 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)
- 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

F9E10-10M*Y

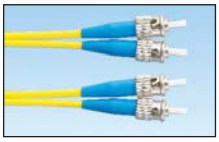
F9F10-10M*Y

F9B10-NM*Y


F9D3-3M*Y


F9S3-3M*Y

F9B3-NM*Y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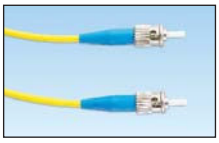
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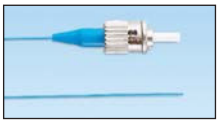
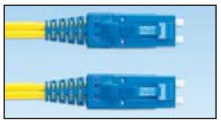

F9B2-NM*Y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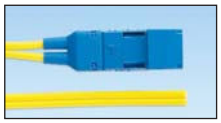
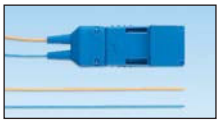

F9D6J-NM*Y

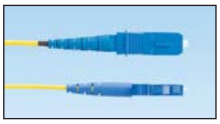
Part Number	Part Description	Length (m)^	Std. Pkg. Qty.	Std. Ctn. Qty.
LC to LC – OS1/OS2 Singlemode Duplex Patch Cords – 1.6mm Jacketed Cable				
F9E10-10M1Y	LC to LC singlemode duplex patch cord, 1.6mm jacketed cable (one duplex LC connector on each end) – 9/125µm.	1	1	10
LC to LC – OS1/OS2 Singlemode Simplex Patch Cords – 1.6mm Jacketed Cable				
F9F10-10M1Y	LC to LC singlemode simplex patch cord, 1.6mm jacketed cable (one LC connector on each end) – 9/125µm.	1	1	10
LC to Pigtail – OS1/OS2 Singlemode Simplex Pigtails – 900µm Buffered Fiber				
F9B10-NM1Y	LC to pigtail singlemode simplex pigtail, 900µm buffered fiber (one LC connector on one end and open on the other end) – 9/125µm.	1	1	10
SC to SC – OS1/OS2 Singlemode Duplex Patch Cords – 3mm Jacketed Cable				
F9D3-3M1Y	SC to SC singlemode duplex patch cord, 3mm jacketed cable (two SC connectors on each end) – 9/125µm.	1	1	10
SC to SC – OS1/OS2 Singlemode Simplex Patch Cords – 3mm Jacketed Cable				
F9S3-3M1Y	SC to SC singlemode simplex patch cord, 3mm jacketed cable (one SC connector on each end) – 9/125µm.	1	1	10
SC to Pigtail – OS1/OS2 Singlemode Simplex Pigtails – 900µm Buffered Fiber				
F9B3-NM1Y	SC to pigtail singlemode simplex pigtail, 900µm buffered fiber (one SC connector on one end and open on the other end) – 9/125µm.	1	1	10
ST to ST – OS1/OS2 Singlemode Duplex Patch Cords – 3mm Jacketed Cable				
F9D2-2M1Y	ST to ST singlemode duplex patch cord, 3mm jacketed cable (two ST connectors on each end) – 9/125µm.	1	1	10
ST to ST – OS1/OS2 Singlemode Simplex Patch Cords – 3mm Jacketed Cable				
F9S2-2M1Y	ST to ST singlemode simplex patch cord, 3mm jacketed cable (one ST connector on each end) – 9/125µm.	1	1	10
ST to Pigtail – OS1/OS2 Singlemode Simplex Pigtails – 900µm Buffered Fiber				
F9B2-NM1Y	ST to pigtail singlemode simplex pigtail, 900µm buffered fiber (one ST connector on one end and open on the other end) – 9/125µm.	1	1	10
FJ® Plug to FJ® Plug – OS1/OS2 Singlemode Duplex Patch Cords – 3mm Jacketed Cable				
F9D6P-6PM1Y	FJ® Plug to FJ® Plug singlemode duplex patch cord, 3mm jacketed cable (one FJ® Plug on each end) – 9/125µm.	1	1	10
FJ® Jack Module to Pigtail – OS1/OS2 Singlemode Duplex Pigtails – 3mm Jacketed Cable				
F9D6J-NM1Y	FJ® Jack Module to pigtail singlemode duplex pigtail, 3mm jacketed cable (one FJ® Jack Module on one end and open on the other end) – 9/125µm.	1	1	10

^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 (F9D3-3M1Y) with the desired length (F9D3-3M2Y for 2 meter length). The above lengths are stock items. For other lengths, contact Customer Service for actual lead time.

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


F9B6J-NM*Y

F9E3-10M*Y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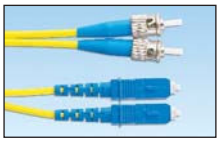
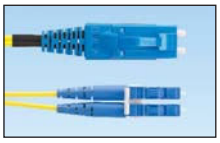

F9D2-3M*Y

F9S2-3M*Y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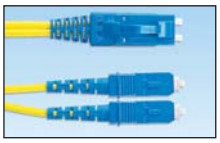
F9D6P-3M*Y

Part Number	Part Description	Length (m)^	Std. Pkg. Qty.	Std. Ctn. Qty.
FJ® Jack Module to Pigtail – OS1/OS2 Singlemode Duplex Pigtails – 900µm Buffered Fiber				
F9B6J-NM1Y	FJ® Jack Module to pigtail singlemode duplex pigtail, 900µm buffered fiber (one FJ® Jack Module on one end and open on the other end) – 9/125µm.	1	1	10
SC to LC – OS1/OS2 Singlemode Duplex Patch Cords – 1.6mm Jacketed Cable				
F9E3-10M1Y	SC to LC singlemode duplex patch cord, 1.6mm jacketed cable (two SC connectors on one end and one duplex LC connector on the other end) – 9/125µm.	1	1	10
SC to LC – OS1/OS2 Singlemode Simplex Patch Cords – 1.6mm Jacketed Cable				
F9F3-10M1Y	SC to LC singlemode simplex patch cord, 1.6mm jacketed cable (one SC connector on one end and one LC connector on the other end) – 9/125µm.	1	1	10
ST to SC – OS1/OS2 Singlemode Duplex Patch Cords – 3mm Jacketed Cable				
F9D2-3M1Y	ST to SC singlemode duplex patch cord, 3mm jacketed cable (two ST connectors on one end and two SC connectors on the other end) – 9/125µm.	1	1	10
ST to SC – OS1/OS2 Singlemode Simplex Patch Cord – 3mm Jacketed Cable				
F9S2-3M1Y	ST to SC singlemode simplex patch cord, 3mm jacketed cable (one ST connector on one end and one SC connector on the other end) – 9/125µm.	1	1	10
FJ® Plug to LC – OS1/OS2 Singlemode Duplex Patch Cords – 1.6mm Jacketed Cable				
F9E6P-10M1Y	FJ® Plug to LC singlemode duplex patch cord, 1.6mm jacketed cable (one FJ® Plug on one end and one duplex LC connector on the other end) – 9/125µm.	1	1	10
FJ® Plug to SC – OS1/OS2 Singlemode Duplex Patch Cords – 3mm Jacketed Cable				
F9D6P-3M1Y	FJ® Plug to SC singlemode duplex patch cord, 3mm jacketed cable (one FJ® Plug on one end and two SC connectors on the other end) – 9/125µm.	1	1	10

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A. System Overview
B. Copper Systems
C. Fiber Optic Systems
D. Power over Ethernet
E. Zone Cabling
F. Wireless
G. Outlets
H. Media Distribution
I. Physical Infrastructure Management
J. Overhead & Underfloor Routing
K. Surface Raceway
L. Cabinets, Racks & Cable Management
M. Grounding & Bonding
N. Industrial
O. Labeling & Identification
P. Cable Management Accessories
Q. Index

Cable Self-Laminating Labels for Opti-Core® Singlemode 9/125µm (OS1/OS2) 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 F9F parts	S100X160YAJ and NWSLC-2Y‡	S100X150VATY and NWSLC-2Y‡	S100X160VAC and NWSLC-2Y‡	T100X000CBC-BK and NWSLC-2Y
All F9S and F9E parts	S100X160YAJ and NWSLC-3Y‡	S100X150VATY and NWSLC-3Y‡	S100X160VAC and NWSLC-3Y‡	T100X000CBC-BK and NWSLC-3Y
All F9D 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.

Mouser Electronics

Authorized Distributor

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

Panduit:

F9E3-10M1Y F9D2-3M1Y F9D2-2M1Y F9S2-2M1Y F9D3-3M1Y F9B2-NM1Y F9E10-10M1Y F9S2-3M1Y