

“NEW” High Density PARA-OPTIX™ Cable Assemblies



Product Facts

- Uses the latest generation MT-style ferrules
- Available in up to 72 fibers through a single MTP/MPO style connector
- Mates with Tyco Electronics' PARA-OPTIX™ Transceivers
- Available in 32, 48, and 72 fiber
- Save time during installation
- Reduced space requirements
- Provides cost benefit on a per-fiber basis

Potential Applications

- Interface to transceiver
- Jumpers and trunk cables for Data Centers
- Optical backplanes
- SAN Very Short Reach applications

Please contact your local Sales Representative or Tyco Electronics for detailed performance characteristics and specifications.

Specifications are preliminary and subject to change.



Tyco Electronics' high density PARA-OPTIX™ cable assemblies use the latest in MT ferrule technology to provide the maximum fiber density for parallel optical applications.

By terminating these ferrules in MTP®/MPO style connectors, Tyco Electronics is able to take advantage of the industry standards

and acceptance of the MTP®/MPO connector family.

Tyco Electronics' PARA-OPTIX™ cable assemblies can support up to 72 fibers through a single connector, saving space on the board and time during installation.

Part Number	Description
1588930-x	12-fiber MPO-MPO, 50/125 Multimode
1588967-x	24-fiber MPO-MPO, 50/125 Multimode
1693070-x	32-fiber MPO-MPO, 50/125 Multimode
1693069-x	48-fiber MPO-MPO, 50-125 Multimode
1588903-x	72-fiber MPO-MPO, 50/125 Multimode
1693068-x	48-fiber MPO — (4), 12-fiber MPO, 50/125 bare ribbon
1693067-x	72-fiber MPO — (6), 12-fiber MPO, 50/125 bare ribbon

Note: “x” above denotes length. Check latest version of Tyco Electronics' customer drawing or contact your local sales representative for specific lengths available.

For Tyco Electronics' “NEW” high speed PARA-OPTIX™ Transceivers, see the Electro-Optic Products, Section 5, page 124-127 of the Fiber Optic Products Catalog #1307895.

“NEW” High Density PARA-OPTIX™ Cable Assemblies (Continued)

Parallel Optics Test Selection Charts

-X = Module Speed
-1 = 2.7 Gb/s
-2 = 3.125 Gb/s

Fiber	Modules	Evaluation Kits
12	1511217-X	1511224-Y
	1511218-X	1511225-Y
16	1511219-X	1511226-Y
24	1511220-X	1511226-Y
32	1511221-X	1511227-Y
48	1511222-X	1511227-Y
72	1511223-X	1511227-Y

Please contact your local Tyco Electronics Sales Representative or Tyco Electronics for detailed performance characteristics and specifications.

- Y = -1 Includes test board, fan, 3.3V & 5V power cables, CD with LabView Runtime & Graphical User Interface for communicating to the transceiver via the serial interface (either RS-232 or 12C)
- 2 Includes items in -1 plus 4 copper data cables, loopback and fanout fiber optic cables and adapters.

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Cable Assemblies			
Fiber	Link (connects 2 modules)	Fanout (for loopback)	MPO - SC (fanout)
12	1588930-3	1588930-3	1693101-1
16	1588967-3	1693105-1	1693102-1 1693104-1
24	1588967-3	1693105-1	1693101-1 1693103-1
32	1588903-2	1693067-1	1693102-1 1693104-1
48	1588903-2	1693067-1	1693101-1 1693103-1
72	1588903-2	1693067-1	1693101-1 1693103-1

Specifications are preliminary and subject to change.

Adapters	
Interface	Part Number
MPOAdapter	1588172-1
SC Adapter	1278348-3
FC/SC Hybrid Adapter	1278349-7