

Momentum® Modular Fiber Optic Systems

Simple to use
Fast to install
High performance
Positively error-proof!

Ideal for LANS, Data Centers
and Storage Area Networks

OptiMo®
optical network solutions



Insert the cassette



Lock it in place



Connect the cords... and go!

THE
PERFORMANCE
& FLEXIBILITY
PEOPLE



ORTRONICS®

Momentum® Cassettes and Cables—Part of OptiMo® Fiber Optic Systems

Ortronics Momentum® modular pre-terminated fiber optic cabling system is ideally designed for use in data center, storage area, and local area network environments. Integrating high performance optical cassettes with advanced ribbon backbone cable, the system is simple to use, fast to install, and because the connections are factory terminated and tested, positively error-proof.

Based on advanced MPO 12-fiber connector technology and proprietary polishing processes, the Momentum system's interoperable components eliminate the occurrence of optical performance flaws, provide network design flexibility, and result in significant time and cost savings during installation and maintenance. Momentum cables and cassettes are optimized for use with all Ortronics ORMMAC fiber cabinets and FiberMo® rack systems—a streamlined fiber cabling solution.



1 Unit System




OR-86800077-62



OR-86800084-62



OR-TOBPBAFA-ZAAXXXM

62.5 μm




OR-86800077-50T



OR-86800084-50T



OR-TOBPBAFB-ZAAXXXM

50 μm




OR-86800077-50T



OR-86800084-50T



OR-TOBPLAFD-ZAAXXXM

50 μm
10G Enhanced Fiber




OR-86800077-09



OR-86800084-09



OR-TOBPIAFC-ZIIXXXM

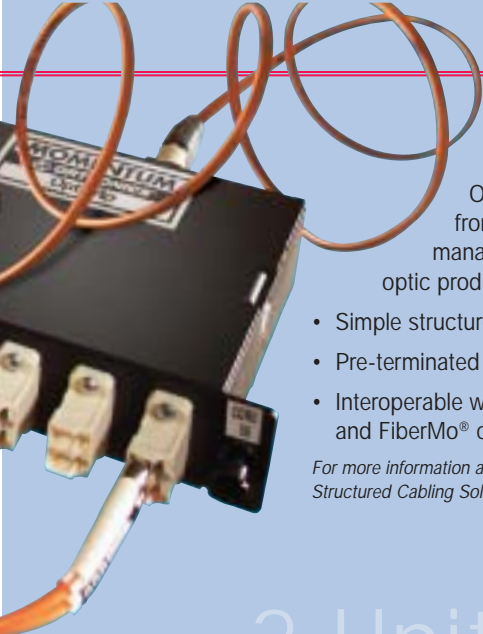
Singlemode

Momentum Cassettes, 1 Unit

Part No.	Description
OR-86800077-62	62.5 μm SC duplex 12-fiber, 1 MPO with pins
OR-86800084-62	62.5 μm LC duplex 12-fiber, 1 MPO with pins
OR-86800078-62*	62.5 μm MT-RJ with pins, 12-fiber, 1 MPO with pins
OR-86800077-50T	10G 50 μm SC duplex 12-fiber, 1 MPO with pins
OR-86800084-50T	10G 50 μm LC duplex 12-fiber, 1 MPO with pins
OR-86800077-09	SM SC duplex 12-fiber, 1 MPO with pins
OR-86800084-09	SM LC 12-fiber, 1 MPO with pins

*MT-RJ cassette not shown





Ortronics OptiMo® fiber optic systems offer high quality components targeted to premises network needs—from optical assemblies and cords produced under highly controlled conditions to a broad range of fiber cable management, enclosures and adapters. Backed by an industry-leading warranty program, Ortronics OptiMo fiber optic products offer performance guaranteed to meet your needs now and well into the future.

- Simple structured cabling design means rapid installation, easy moves, adds and changes
- Pre-terminated design eliminates costly field termination and guarantees optical performance
- Interoperable with all Ortronics ORMMAC fiber cabinets and FiberMo® cable management racks

For more information about OptiMo products, see the Ortronics Structured Cabling Solutions Catalog or visit www.ortronics.com

2 Unit System



OR-86800085-62



OR-TOBPBAFA-ZAAXXXM

62.5 µm



OR-86800087-62



OR-86800085-50T

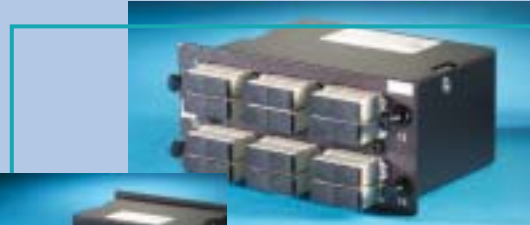


OR-TOBPBAFB-ZAAXXXM

50 µm



OR-86800087-50T



OR-86800085-50T



OR-TOBPLAFD-ZAAXXXM

50 µm
10G Enhanced Fiber



OR-86800087-50T



OR-86800085-09



OR-TOBPIAFC-ZIIXXXM

Singlemode



OR-86800087-09

Momentum Cassettes, 2 Units

Part No.	Description
OR-86800085-62	62.5 µm SC duplex 24-fiber, 2 MPOs with pins
OR-86800087-62	62.5 µm LC 24-fiber, 2 MPOs with pins
OR-86800086-62*	62.5 µm MT-RJ with pins, 24-fiber, 2 MPOs with pins
OR-86800085-50T	10G 50 µm SC duplex 24-fiber, 2 MPOs with pins
OR-86800087-50T	10G 50 µm LC 24-fiber, 2 MPOs with pins
OR-86800085-09	SM SC duplex 24-fiber, 2 MPOs with pins
OR-86800087-09	SM LC 24-fiber, 2 MPOs with pins

*MT-RJ cassette not shown

For detailed performance specifications, please consult sales at 1-800-934-5432



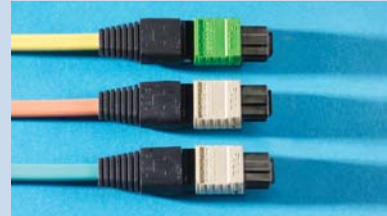
Momentum Backbone Cables

Ortronics Momentum Backbone Cables are advanced 12-fiber OFNP Plenum rated ribbon cables terminated at each end with high performance MPO connectors. Each backbone cable assembly is cut to a specified length and pre-terminated using Ortronics proprietary polishing techniques, ensuring repeatable and highly reliable data transmission.

Momentum Backbone cables can be ordered with 62.5/125 and standard 50/125 optical fiber for legacy and low data rate applications. Ortronics also offers laser enhanced 50/125 and singlemode versions which are ideal for today's demanding high data rate applications such as 10 Gigabit Ethernet and Fibre Channel. Ortronics guarantees rapid delivery—quotes and orders can now be completed in time for the most demanding build-out schedule.

Note: XXX denotes length in meters. Please provide length required.

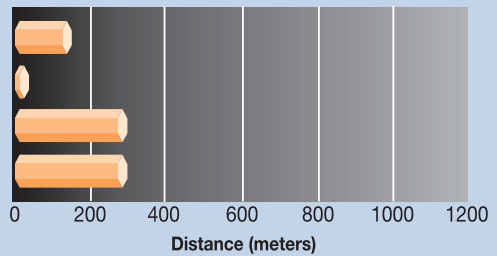
Part No.	Description
OR-TOBPBAFA-ZAAXXXM	62.5 μm MPO/MPO, no pins, 12-fiber, orange
OR-TOBPBAFB-ZAAXXXM	50 μm MPO/MPO, no pins, 12-fiber, orange
OR-TOBPLAFD-ZAAXXXM	10G 50 μm MPO/MPO, no pins, 12-fiber, aqua
OR-TOBPIAFC-ZIIXXXM	SM MPO/MPO, no pins, 12-fiber, yellow



62.5 μm

OptiMo 62.5/125, TOBPBAFA-ZAAXXXM

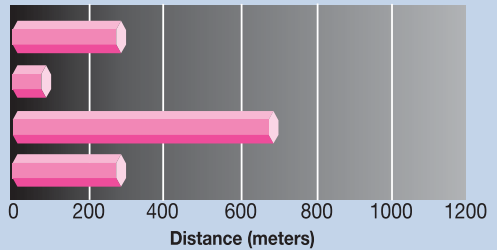
- Fibre Channel 2.125 (850 nm)
- 10 Gigabit Ethernet (850 nm)
- Gigabit Ethernet (850 nm)
- Fast Ethernet (850 nm)



50 μm

OptiMo 50/125, TOBPBAFB-ZAAXXXM

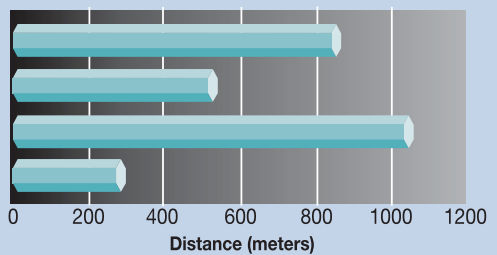
- Fibre Channel 2.125 (850 nm)
- 10 Gigabit Ethernet (850 nm)
- Gigabit Ethernet (850 nm)
- Fast Ethernet (850 nm)



**50 μm
10G Enhanced Fiber**

OptiMo 10G 50/125, TOBPLAFD-ZAAXXXM

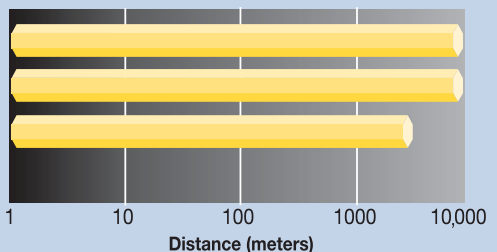
- Fibre Channel 2.125 (850 nm)
- 10 Gigabit Ethernet (850 nm)
- Gigabit Ethernet (850 nm)
- Fast Ethernet (850 nm)



Singlemode

OptiMo Singlemode, TOBPIAFC-ZIIXXXM

- Fibre Channel 2.125 (1310 nm)
- 10 Gigabit Ethernet (1310 nm)
- Gigabit Ethernet (1310 nm)



Surface Mount Patch Fiber Cabinets

Ortronics Surface Mount Fiber Cabinets secure, protect, and organize multiple cassettes.

- Cassettes snap-in for easy installation and expansion
- Ideal for installations where space is limited
- Top/bottom cable entry simplifies installations, moves, adds, and changes
- Internal cable management facilitates organization and clean installations
- Gasketed with lock option minimizes dirt/contamination
- Cabinets hold MT-RJ, LC and SC duplex cassettes



OR-615SMFC-12P-00



OR-615SMFC-LX-12P



OR-615SMFC-24P

Part No.	Dimensions (W x H x D)	# of 1U Openings	1U Cassette Capacity	2U Cassette Capacity	Cabinet Fiber Capacity	Weight	Color
OR-615SMFC-12P	12" x 12" x 3.5"	2	2	1	24	5.5 lbs	beige
OR-615SMFC-12P-00	12" x 12" x 3.5"	2	2	1	24	5.5 lbs	black
OR-615SMFC-LX-12P*	12" x 12" x 3.5"	2	2	1	24	6 lbs	beige
OR-615SMFC-LX-12P-00*	12" x 12" x 3.5"	2	2	1	24	6 lbs	black
OR-615SMFC-24P*	12" x 16" x 3.5"	4	4	2	48	9 lbs	beige
OR-615SMFC-24P-00*	12" x 16" x 3.5"	4	4	2	48	9 lbs	black

*lockable

Rack Mount Patch Fiber Cabinets

The Ortronics range of ORMMAC rack mount fiber enclosures is a comprehensive family of products ideally suited to both large and small fiber installations. Designed for use with our FiberMo® fiber optic cable management rack system, each fiber cabinet offers complete flexibility in terms of cable entry and exit; access to cassettes from front, rear, and top; and accommodation for the unique needs of optical fiber bend radius limitation through enhanced patch cord management devices and innovative internal fiber management components. Rack Mount Cabinets hold MTRJ, LC and SC duplex cassettes.

Part No.	Rack Units	# of 1U Openings	1U Cassette Capacity	2U Cassette Capacity	Cabinet Fiber Capacity	Weight	Color
OR-615MMC-18P-00	1	3	3	NA	36	10 lbs	black
OR-615MMC-36P-00	2	6	6	3	72	15 lbs	black
OR-61500014-00	4	12	12	6	144	23 lbs	black
OR-615MMC-72P-00	4	12	12	6	144	25 lbs	black



OR-615MMC-18P-00



OR-615MMC-36P-00



OR-61500014-00



OR-615MMC-72P-00

Sold by:



OptiMo® Jumpers and Patch Cords

Ortronics has selected the best connectors in the industry for our fiber system components. Ortronics Fiber Patch Cords can be ordered in various lengths with any standard connector. They are available either in multimode or singlemode fiber.

- Ortronics Fiber Patch Cords come standard with ceramic ferrule and are available in the following connector types: ST, FC, LC, and SC.
- Ortronics Fiber Patch Cords can be ordered in various custom lengths in addition to the standard lengths displayed. For lengths, cable types, or connector styles not shown please consult Ortronics sales at (800) 934-5432.
- For high density, Ortronics recommends LC based products.
- All of Ortronics cables are manufactured to exceed the optical attenuation requirements of TIA/EIA-568-B.3 and are 100% visually inspected.



OptiMo 10G 50 μ m Multimode, Duplex Jumpers, PC

Part No.	Description
OR-626DF3BR-GG001M	50/125, 10G enhanced fiber duplex patch cord, LC to LC, 1 meter
OR-626DF3BR-GG002M	50/125, 10G enhanced fiber duplex patch cord, LC to LC, 2 meters
OR-626DF3BR-GG003M	50/125, 10G enhanced fiber duplex patch cord, LC to LC, 3 meters
OR-626DF3BR-FF001M	50/125, 10G enhanced fiber duplex patch cord, SC to SC, 1 meter
OR-626DF3BR-FF002M	50/125, 10G enhanced fiber duplex patch cord, SC to SC, 2 meters
OR-626DF3BR-FF003M	50/125, 10G enhanced fiber duplex patch cord, SC to SC, 3 meters



OptiMo 62.5 μ m Multimode, Duplex Jumpers, PC

Part No.	Description
OR-61150D62001M22	62.5/125, duplex patch cord, MT-RJ (F) to MT-RJ (F), 1 meter
OR-61150D62002M22	62.5/125, duplex patch cord, MT-RJ (F) to MT-RJ (F), 2 meters
OR-61150D62003M22	62.5/125, duplex patch cord, MT-RJ (F) to MT-RJ (F), 3 meters
OR-61150D62001M77C	62.5/125, duplex patch cord, LC to LC, 1 meter
OR-61150D62002M77C	62.5/125, duplex patch cord, LC to LC, 2 meters
OR-61150D62003M77C	62.5/125, duplex patch cord, LC to LC, 3 meters
OR-61150D62001M99C	62.5/125, duplex patch cord, SC to SC, 1 meter
OR-61150D62002M99C	62.5/125, duplex patch cord, SC to SC, 2 meters
OR-61150D62003M99C	62.5/125, duplex patch cord, SC to SC, 3 meters



OptiMo Singlemode, Duplex Jumpers, UPC

Part No.	Description
OR-626DC3IR-RR001M	Singlemode, duplex patch cord, SC to SC, UPC finish, 1 meter
OR-626DC3IR-RR002M	Singlemode, duplex patch cord, SC to SC, UPC finish, 2 meters
OR-626DC3IR-RR003M	Singlemode, duplex patch cord, SC to SC, UPC finish, 3 meters
OR-626DC3IR-SS001M	Singlemode, duplex patch cord, LC to LC, UPC finish, 1 meter
OR-626DC3IR-SS002M	Singlemode, duplex patch cord, LC to LC, UPC finish, 2 meters
OR-626DC3IR-SS003M	Singlemode, duplex patch cord, LC to LC, UPC finish, 3 meters



OptiMo
optical network solutions