

HD LGX MPO/MTP Transition Modules



Features & Benefits

- LGX compatible
- Available in OS2, OM3 and OM4
- 100% factory terminated and tested, saving time and guaranteeing high performance
- Up to 24 fiber connections in one LGX cassette
- All polarity types available
- Optimized performance using only highest quality connectivity components
- High performance MTP connectivity - MTP and MTP Elite connectors



Overview

The PPC pre-terminated MPO/MTP cassettes are designed for fast plug-and-play backbone links between racks in the central office. Manufactured in our state-of-the-art facilities, they offer rapid deployment, high density and maximum space utilization combined with significant time and cost savings.

The PPC MPO/MTP modular product line is easy to install, upgrade and re-work without disrupting existing connections. This makes it the perfect pay-as-you-grow product for evolving networks where moves, adds and changes are made on a regular basis.

Technical Data

Mechanical Data

Specification	Value
Rear connector	MTP or MTP Elite (MPO on request)
Front connector	SC, LC (Others on request)
Rear connector count	1 or 2
Front connector count	Up to 12 SC or 24 LC connections
Dimensions (HxWxD) mm	30 x 129 x 132
Material	CRCA, powder coated
Color	Black RAL 9005 (standard), RAL 7032 or RAL 7035 on request

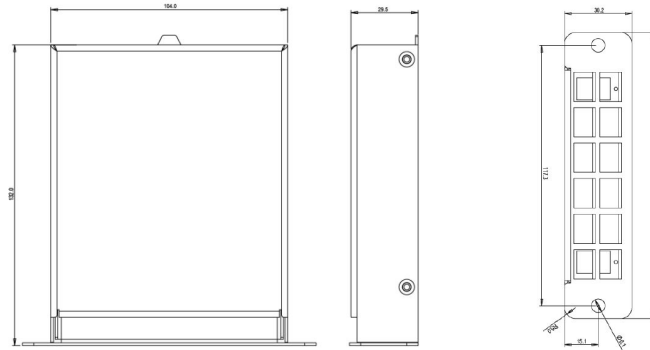
Environmental Data

Specification	Value
Operating temperature	-10 °C to 60 °C (14 °F to 140 °F)
2011/65/EC RoHS	Fully compliant

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Technical Drawing



Ordering Information

LGXTM01

1 2 3 4 5 6

- | | |
|--|---|
| <p>1 Select MPO type (rear)
30 = MPO/MTP 8 fiber Female (no pins)
31 = MPO/MTP APC 8 fiber Female (no pins)
32 = MPO/MTP 8 fiber Male (pinned)
33 = MPO/MTP APC 8 fiber Male (pinned)
40 = MPO/MTP 12 fiber Female (no pins)
41 = MPO/MTP APC 12 fiber Female (no pins)
42 = MPO/MTP 12 fiber Male (pinned)
43 = MPO/MTP APC 12 fiber Male (pinned)
60 = MPO/MTP 24 fiber Female (no pins)
61 = MPO/MTP APC 24 fiber Female (no pins)
62 = MPO/MTP 24 fiber Male (pinned)
63 = MPO/MTP APC 24 fiber Male (pinned)</p> <p>2 Performance MPO (rear)
M = Multi-mode Elite
S = Single-mode Standard
T = Single-mode Elite</p> <p>3 Qty of connectors (front)
08 = 8 x connectors
12 = 12 x connectors</p> | <p>4 Connector type front
10 = LC
11 = LC APC
20 = SC simplex
21 = SC/APC simplex
22 = SC duplex
23 = SC/APC duplex</p> <p>5 Polarity type
AS = A straight (12f)
AF = A flipped (12f)
B1 = B straight (8f/12f)
B2 = B flipped (8f/12f)
NS = N straight (8f/12f)
NF = N flipped (8f/12f)</p> <p>6 Performance
Z = Single-mode OS2 G657 A.1
2 = Single-mode OS2 G657 A.2
3 = Multi-mode OM3
4 = Multi-mode OM4</p> |
|--|---|

Design Considerations:

PPC modules use a Key-Up/ Key-Down MPO adapter as standard on all MPO-LC transition modules. PPC recommends that LGX Transition Modules are connected with Male MPO backbone trunks (Polarity Type B) for a safer and simpler upgrade to 40G or 100G data rates. Please contact your local representative for more information.

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