



## LGX CASSETTE DIRECT/REVERSE

|                                 |   |
|---------------------------------|---|
| <b>Description</b>              | Optical module mounted with MPO adapters (Multi-fiber Push On) / MTP (Multi-fiber Termination Push-on) 12 fiber-type (female) in the back, and optical SC Duplex or LC-Simplex adapters in the front. |
| <b>Application</b>              | It supports IEEE 802.3ae (10Gbase-SR), IEEE 802.3ab (40Gbase-SR4) and ANSI T11.2 (Fibre Channel). Only one part number for direct or reverse orientation, made by rotating the module.                |
| <b>Installation Environment</b> | Indoor , resistant and corrosion-protected product for the conditions specified for indoor use (ANSI/TIA-569).  |
| <b>Operation Environment</b>    | Non Aggressive  |
| <b>Height</b>                   | 29.2 mm   |
| <b>Width</b>                    | 129.6 mm  |
| <b>Depth</b>                    | 101.5 mm  |
| <b>Color</b>                    | BLACK Body<br>MPO/MTP adapter GREY: B Polarity<br>MPO/MTP adapter BLACK: A Polarity   |
| <b>Fiber Type</b>               | Multimode OM3 (50.0/125µm)<br>Multimode OM4 (50.0/125µm)<br>Singlemode (9/125µm)  |
| <b>Connector Type</b>           | Front: LC or SC<br>Back: MPO<br>**For more information, please consult <b>ET03770 - Performance of Optical Connectors</b>   |
| <b>Polishing Type</b>           | Front: PC or APC (singlemode only)<br>Back: PC (Multimode) and APC (Singlemode)   |
| <b>Paint Type</b>               | Finished in scratchproof high resistant black epoxy   |
| <b>Main Product Material</b>    | Aluminum/Steel  |

**Insertion Loss**
**Total value per Cassette:**

| FIBER TYPE      | MAXIMUM INSERTION LOSS (dB) |
|-----------------|-----------------------------|
| SM              | 1,00                        |
| MM (OM3 or OM4) | 0,75                        |

100% assembled and tested in the factory

|             |            |                  |
|-------------|------------|------------------|
| Return Loss | FIBER TYPE | RETURN LOSS (dB) |
|             | SM         | > 50             |
|             | MM         | > 30             |

100% assembled and tested in the factory

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| Assembly Standard | Assembled with MPO connectorization - "A" or "B" Polarity, according to the established by ANSI/TIA-568.3-D standard. | |

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|                     |                 |                     |
|---------------------|-----------------|---------------------|
| Number of Positions | Optical Adapter | Cassette (Capacity) |
|                     | LC              | 8F, 12F and 24F     |
|                     | SC              | 8F and 12F          |

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| Warranty | 12 months | |

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| Compatibility | There is no need for special tools or adjustments for installation in products with the LGX standard.   Compatible with LGX<sup>®</sup> standard   Compatible with Consolidation Point High Density - ZDA | |

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| RoHS | This product is in accordance with the RoHS European Directive: a directive on the restriction of the use of certain hazardous substances and related to the environmental preservation | |

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| Standard | ANSI/TIA-568.3-D - Optical Fiber Cabling Components Standard   ISO/IEC 11.801 Ed.02 - Generic Cabling for Customer Premises | |

[Part Numbers](#)