



LGX CASSETTE DIRECT/REVERSE

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| Description | 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. |
| Application | 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. |
| Installation Environment | Indoor , resistant and corrosion-protected product for the conditions specified for indoor use (ANSI/TIA-569). |
| Operation Environment | Non Aggressive |
| Height | 29.2 mm |
| Width | 129.6 mm |
| Depth | 101.5 mm |
| Color | BLACK Body MPO/MTP adapter GREY: B Polarity MPO/MTP adapter BLACK: A Polarity |
| Fiber Type | Multimode OM3 (50.0/125µm) Multimode OM4 (50.0/125µm) Singlemode (9/125µm) |
| Connector Type | Front: LC or SC Back: MPO **For more information, please consult ET03770 - Performance of Optical Connectors |
| Polishing Type | Front: PC or APC (singlemode only) Back: PC (Multimode) and APC (Singlemode) |
| Paint Type | Finished in scratchproof high resistant black epoxy |
| Main Product Material | 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

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

100% assembled and tested in the factory

| 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 |

| Warranty | 12 months | |

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

| 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 | |

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

[Part Numbers](#)