



LGX CASSETTE DIRECT/REVERSE

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: <table> <tr> <th>FIBER TYPE</th><th>MAXIMUM INSERTION LOSS (dB)</th></tr> <tr> <td>SM</td><td>1,00</td></tr> <tr> <td>MM (OM3 or OM4)</td><td>0,75</td></tr> </table> <p>100% assembled and tested in the factory</p>	FIBER TYPE	MAXIMUM INSERTION LOSS (dB)	SM	1,00	MM (OM3 or OM4)	0,75
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SM	1,00						
MM (OM3 or OM4)	0,75						

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.	
Number of Positions	Optical Adapter	Cassette (Capacity)
	LC	8F, 12F and 24F
	SC	8F and 12F
Warranty	12 months	
Compatibility	<p>There is no need for special tools or adjustments for installation in products with the LGX standard.</p> <p>Compatible with LGX[®] standard</p> <p>Compatible with Consolidation Point High Density - ZDA</p>	
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	<p>ANSI/TIA-568.3-D - Optical Fiber Cabling Components Standard</p> <p>ISO/IEC 11.801 Ed.02 - Generic Cabling for Customer Premises</p>	

[Part Numbers](#)