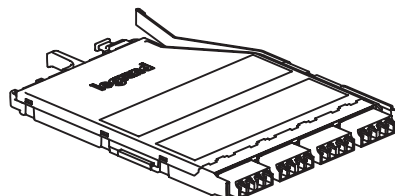
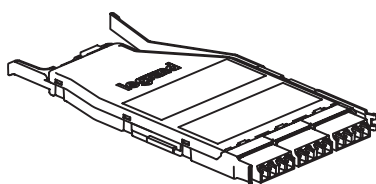


Slim cassettes for modular panels

Cat. No(s): 0 321 38 - 2 600 10/13/14/15/16/17/18/19/20/21/22/23 /
2 600 24/25/26/27/28/29/30/31/32/33 - On-demand solution



1. PRESENTATION

High density MTP cassettes (compatible with MPO)

Base 12:

For installation in high density panels Cat. Nos. 0 321 75/76/77 using support Cat. No. 0 321 38, in the Zero U kit Cat. No. 0 321 03 and in ultra high density panels Cat. Nos. 2 600 01/03/05 without support.

2 600 21	COMPACT CAS. 12F LC MTP OS2 UNIVERSAL POLARITY
2 600 22	COMPACT CAS. 12F LC MTP OM4 AQUA UNIVERSAL POLARITY
2 600 23	COMPACT CAS. 12F LC MTP OM4 VIOLET UNIVERSAL POLARITY
2 600 24	COMPACT CAS. 12F LC MTP OM5 UNIVERSAL POLARITY
2 600 25	COMPACT CAS. 2X12F SN MTP OS2 UNIVERSAL POLARITY
2 600 26	COMPACT CAS. 2X12F SN MTP OM4 AQUA UNIVERSAL POLARITY
2 600 27	COMPACT CAS. 2X12F SN MTP OM5 UNIVERSAL POLARITY

Base 16:

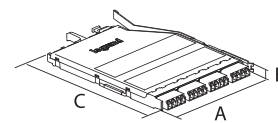
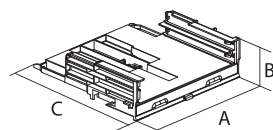
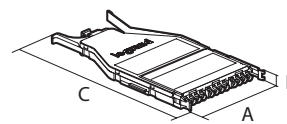
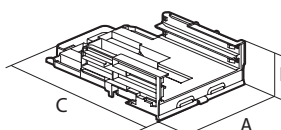
For installation in high density panels Cat. Nos. 2 600 07/08/09 using support Cat. No. 2 600 10 and in ultra high density panels Cat. Nos. 2 600 02/04/06.

2 600 13	COMPACT CAS. 16F LC MTP ULTRA OS2 UNIV. POLARITY
2 600 14	COMPACT CAS. 16F LC MTP ULTRA OM4 AQUA UNIV. POLARITY
2 600 15	COMPACT CAS. 16F LC MTP ULTRA OM4 VIOLET UNIV. POLARITY
2 600 16	COMPACT CAS. 16F LC MTP ULTRA OM5 UNIV. POLARITY
2 600 17	COMPACT CAS. 2X8F LC MTP ULTRA OS2 UNIV. POLARITY
2 600 18	COMPACT CAS. 2X8F LC MTP ULTRA OM4 AQUA UNIV. POLARITY
2 600 19	COMPACT CAS. 2X8F LC MTP ULTRA OM4 VIOLET UNIV. POLARITY
2 600 20	COMPACT CAS. 2X8F LC MTP ULTRA OM5 UNIV. POLARITY
2 600 28	COMPACT CAS. 4X8F SN MTP ULTRA OS2 UNIV. POLARITY
2 600 29	COMPACT CAS. 4X8F SN MTP ULTRA OM4 AQUA UNIV. POLARITY
2 600 30	COMPACT CAS. 4X8F SN MTP ULTRA OM5 UNIV. POLARITY
2 600 31	COMPACT CAS. 2X16F SN MTP ULTRA OS2 UNIV. POLARITY
2 600 32	COMPACT CAS. 2X16F SN MTP ULTRA OM4 AQUA UNIV. POLARITY
2 600 33	COMPACT CAS. 2X16F SN MTP ULTRA OM5 UNIV. POLARITY

Each sliding cassette can be individually extracted from the front or the rear by simple handling.
Designed to facilitate installation and maintenance.

2. DIMENSIONS (mm)

Cat. Nos.	A	B	C
0 321 38	110.3	43.6	161
2 600 21/22/23/24/25/26/27	100	13.3	198
2 600 10	147.5	43.6	150
2 600 13/14/15/16/17/18/19/20/28/29/30/31/32/33	137	13.3	198



3. CASSETTE AND SUPPORT WEIGHT (g)

Cat. Nos.	Weight
2 600 13/14/15/16	119
2 600 17/18/19/20	138
2 600 21/22/23/24	100
2 600 25/26/27	139.71
2 600 28/29/30	195.80
2 600 31/32/33	184
0 321 38	78
2 600 10	87

4. CASSETTE TECHNICAL CHARACTERISTICS

High density MTP slim cassette (MPO-compatible)

Different singlemode and multimode slim cassettes can be mixed within the same panel.

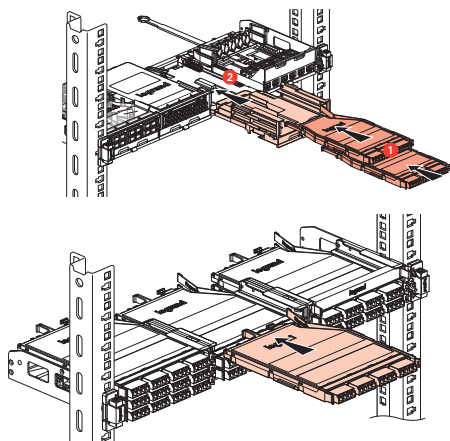
Ultra-performance cassette with low insertion loss (<0.5 dB). Performance tested in the factory and detailed in the test report supplied with the cassette.

Universal polarity.

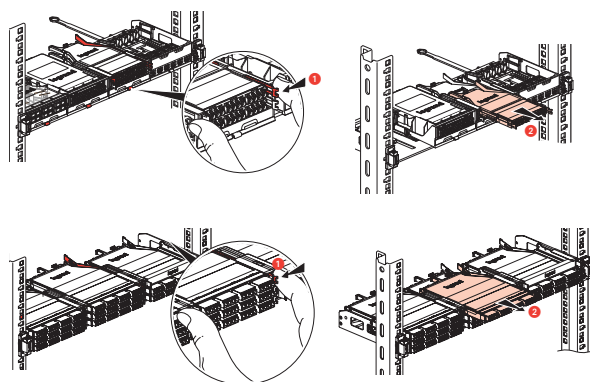
■ 4.1 Material characteristics

Polycarbonate
IP40

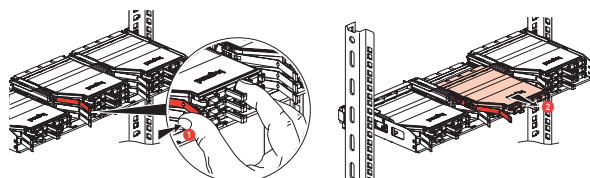
4.2 Cassette mounting



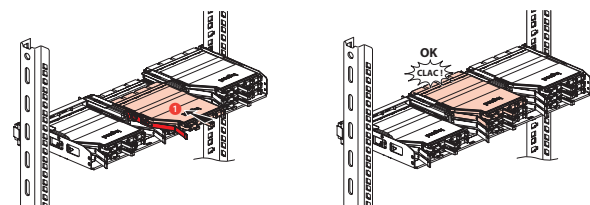
4.3 Front cassette removal



4.4 Rear cassette removal



4.5 Rear cassette reinstallation



4.6 Automatic caps

- Integrated automatic caps for LC and SN connectors
- Integrated automatic caps for MTP connectors (Base 8 and Base 12)

5. CONNECTOR TECHNICAL CHARACTERISTICS

All connectors have a durability of 500 connection/disconnection cycles (IEC 61300-2-2).

MPO/MTP connectors comply with IEC 61754-7.

LC connectors comply with IEC 61754-20.

SC connectors comply with IEC 61754-4.

ST connectors comply with IEC 61754-2.

Optical performance

- MTP connectors

	Multimode Ultra Performance	Singlemode Ultra Performance
IL/Master	0.1 dB typical (all fibres) 0.35 dB maximum (single fibre) ^{2,3}	0.1 dB typical (all fibres) 0.35 dB maximum (single fibre) ^{1,4}
IL Max/Random*	0.35 dB (single fibre)	0.35 dB (single fibre)
Return loss ⁵	> 20 dB	> 60 dB (8° angled polish)

¹ As tested in accordance with ANSI/TIA-455-171 Method D3 / IEC 61300-3-4

² As tested in accordance with ANSI/TIA-455-171 Method D1 / IEC 61300-3-4

³ As tested on 50 µm fibres at a wavelength of 850 nm in accordance with IEC 61280-4-1

⁴ Complies with IEC 61755-3-31/GRADE B

⁵ As tested in accordance with IEC 61300-3-6 and ANSI/TIA-455-107A

* Performance is guaranteed only with other components of the same Legrand range (Core, Ultra and Quantum). Mixing ranges or use of components from other brands may lead to different system performance. The uncertainty value for field measurements with LSPM testing using a reference cord, defined in ISO/IEC 14763-3, applies to field testing with proposed Legrand testing cords. Refer to the Fibre Optic Testing Guide for Legrand Solutions.

- LC, SN and MDC connectors

	Multimode Ultra Performance	Singlemode Ultra Performance
IL Max/Master *	0.15 dB	0.15 dB
IL Max/Random ** ***	0.2 dB	0.25 dB
Typ. IL/Master *	0.08 dB	0.12 dB
Typ. IL/Random ** ***	0.10 dB	0.12 dB
Return loss (UPC/APC)	> 25 dB	> 55/65 dB

* IEC 61300-3-4

** IEC 61300-3-34

*** Performance is guaranteed only with other components of the same Legrand range (Core, Ultra and Quantum). Mixing ranges or use of components from other brands may lead to different system performance. The uncertainty value for field measurements with LSPM testing using a reference cord, defined in ISO/IEC 14763-3, applies to field testing with proposed Legrand testing cords. Refer to the Fibre Optic Testing Guide for Legrand Solutions.

Storage and operating temperature: - 10°C to + 60°C

Production quality control:

For MTP

3D interferometry (connector geometry): 100% of products inspected.

Optical performance: 100% factory tested.

For LC, SN and MDC

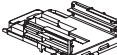
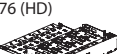
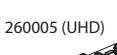
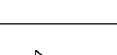
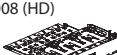
3D interferometry (connector geometry): quality control by sampling.

Optical performance: 100% factory tested.

6. ON-DEMAND SOLUTION

Please contact your Legrand sales representative.

7. COMPATIBILITY

UHD/HD panels		Support for HD panels	Slim cassettes		Universal polarity				A/C polarity			
					OS2/ UPC	OM4 Aqua	OM4 Violet	OM5	OS2/ UPC	OM4 Aqua	OM4 Violet	OM5
Base 12	260001 (UHD) 	032175 (HD) 	032138 (HD) 	12F MTP-LC 	260021	260022	260023	260024	On demand	On demand	On demand	On demand
	260003 (UHD) 	032176 (HD) 		2x 12F MTP-SN 	260025	260026	-	260027	On demand	On demand	-	On demand
	260005 (UHD) 	032177 (HD) 		2x 12F MTP-MDC 	On demand	On demand	-	On demand	-	-	-	-
Base 16	260002 (UHD) 	260007 (HD) 	260010 (HD) 	16F MTP-LC 	260013	260014	260015	260016	On demand	On demand	On demand	On demand
				2x 8F MTP-LC 	260017	260018	260019	260020	On demand	On demand	-	On demand
	260004 (UHD) 	260008 (HD) 		4x 8F MTP-SN 	260028	260029	-	260030	On demand	On demand	-	On demand
				2x 16F MTP-SN 	260031	260032	-	260033	On demand	On demand	-	On demand
	260006 (UHD) 	260009 (HD) 		4x 8F MTP-MDC 	On demand	On demand	-	On demand	-	-	-	-
				2x 16F MTP-MDC 	On demand	On demand	-	On demand	-	-	-	-