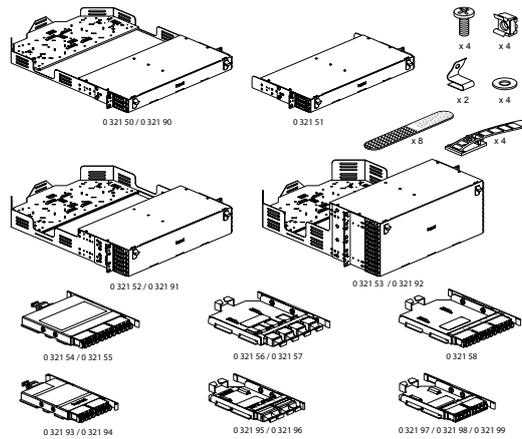


Very high density modular fibre optic drawers, to be equipped with cassettes

Cat. No(s): 0 321 50/51/52/53/54/55/56/57/58/90
 0 321 91/92/93/94/95/96/97/98/99 - Made-to-order



1. USE

Very high density modular fibre optic drawers, to be equipped with cassettes. Fixed modular chassis for holding very high density cassettes.

Fibre optic drawers with cord management at front

For cassettes and adaptors with 12 fibres

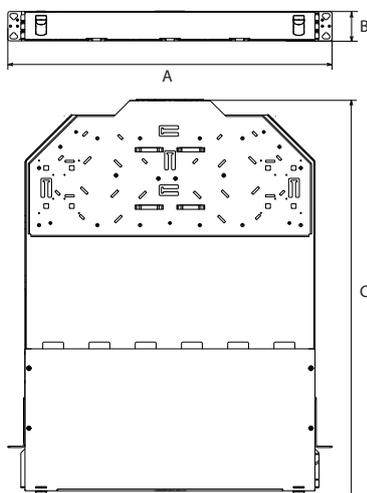
0 321 51	1U maximum capacity (holds up to 12 cassettes): 144 LC connectors
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Fibre optic drawers with cord management at front and back

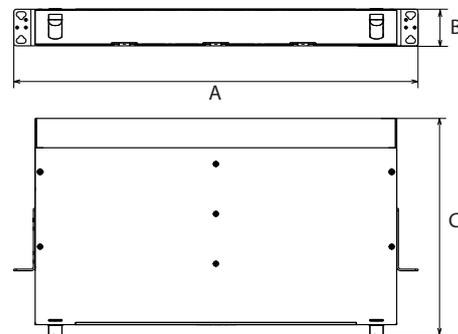
For cassettes and adaptors with 12 fibres

0 321 50	1U maximum capacity (holds up to 12 cassettes): 144 LC connectors
0 321 52	2U maximum capacity (holds up to 24 cassettes): 288 LC connectors
0 321 53	4U maximum capacity (holds up to 48 cassettes): 576 LC connectors
<i>For cassettes and adaptors with 8 fibres</i>	
0 321 90	1U maximum capacity (holds up to 16 cassettes): 144 LC connectors
0 321 91	2U maximum capacity (holds up to 36 cassettes): 288 LC connectors
0 321 92	4U maximum capacity (holds up to 72 cassettes): 576 LC connectors

2. DRAWER DIMENSIONS (mm)



Cat. Nos. 0 321 50/90



Cat. No. 0 321 51

Cat. Nos.	A	B	C
0 321 50/90	483	44	598
0 321 51	483	44	260
0 321 52/91	483	88	597
0 321 53/92	483	176	599

3. VERY HIGH DENSITY CASSETTES FOR FIBRE OPTIC DRAWER

Clip directly into the fibre optic drawers: 0 321 50/51/52/53

0 321 54	OM4 multimode cassettes for 50/125 µm multimode installation, OM4 type MPO cassette (compatible with MTP) 12 OM4 LC strands, polarity A/C
0 321 55	OS2 cassettes for 9/125 µm singlemode installation, OS2 type MPO cassette (compatible with MTP) 12 OS2 LC strands, polarity A/C
Made-to-order	OM4 or OS2 cassette in polarity B

Clip directly into the fibre optic drawers: 0 321 90/91/92

0 321 93	OM4 multimode cassettes for 50/125 µm multimode installation, OM4 type MPO cassette (compatible with MTP) 8 OM4 LC strands, universal polarity
0 321 94	OS2 cassettes for 9/125 µm singlemode installation, OS2 type MPO cassette (compatible with MTP) 8 OS2 LC strands, universal polarity

Very high density modular fibre optic drawers, to be equipped with cassettes

Cat. No(s): 0 321 50/51/52/53/54/55/56/57/58/90
0 321 91/92/93/94/95/96/97/98/99 - Made-to-order

4. ADAPTORS FOR FIBRE OPTIC DRAWER

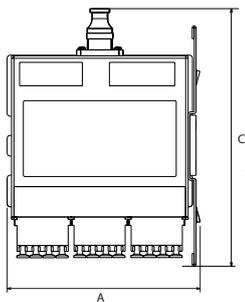
Clip directly into the fibre optic drawers: 0 321 50/51/52/53

0 321 56	4 MPO adaptor (compatible with MTP) key UP/key DOWN multimode
0 321 57	4 MPO adaptor (compatible with MTP) key UP/key DOWN multimode
0 321 58	12 LC multimode adaptor

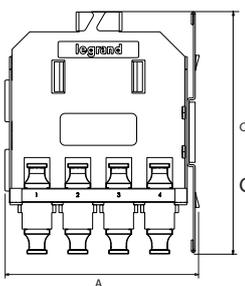
Clip directly into the fibre optic drawers: 0 321 90/91/92

0 321 95	4 MPO adaptor (compatible with MTP) key UP/key DOWN singlemode
0 321 96	4 MPO adaptor (compatible with MTP) key UP/key DOWN singlemode
0 321 97	8 LC OM4 adaptor
0 321 98	8 LC OS2 adaptor
0 321 99	8 LC APC OS2 adaptor

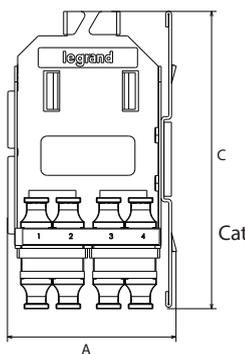
5. CASSETTE AND ADAPTOR DIMENSIONS (mm)



Cat. Nos. 0 321 54/55



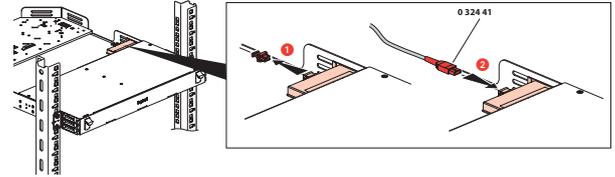
Cat. Nos. 0 321 56/57



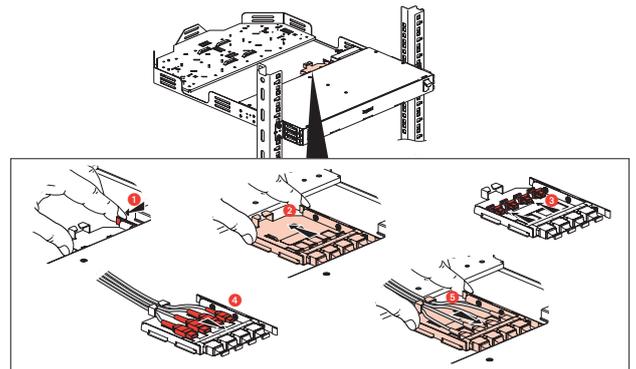
Cat. Nos. 0 321 95/96

Cat. Nos.	A	B	C
Cassettes			
0 321 54/55	97	12	129
0 321 93/94	68	12	129
Adaptors			
0 321 56/57/58	97	11	121
0 321 95/96	68	12	121
0 321 97/98/99			

6. CONNECTING CASSETTES



7. CONNECTING ADAPTORS



8. TECHNICAL CHARACTERISTICS

8.1 Weight:

Panels		
0 321 50	UHD drawer - 1U - to be equipped with cassette	11.9 kg
0 321 51	UHD drawer to be equipped with cassette, without rear cord management	7.7 kg
0 321 52	UHD drawer - 2U - to be equipped with cassette	12.5 kg
0 321 53	UHD drawer - 4U - to be equipped with cassette	21.5 kg
0 321 90	UHD drawer - 1U - to be equipped with cassette with 8 fibres	10.5 kg
0 321 91	UHD drawer - 2U - to be equipped with cassette with 8 fibres	13 kg
0 321 92	UHD drawer - 4U - to be equipped with cassette with 8 fibres	19.6 kg
Cassettes		
0 321 54	12 OM4 LC MPO cassette with UHD panel	80 g
0 321 55	12 OS2 LC MPO cassette with UHD panel	
0 321 93	8 OM4 LC MPO cassette with UHD panel	70 g
0 321 94	8 OS2 LC MPO cassette with UHD panel	
Adaptors		
0 321 56	4 MPO adaptor (compatible with MTP) key UP/key DOWN multimode	70 g
0 321 57	4 MPO adaptor (compatible with MTP) key UP/key DOWN multimode	
0 321 58	12 LC multimode adaptor	
0 321 95	4 MPO adaptor (compatible with MTP) key UP/key DOWN singlemode	50 g
0 321 96	4 MPO adaptor (compatible with MTP) key UP/key DOWN singlemode	
0 321 97	8 LC OM4 adaptor	
0 321 98	8 LC OS2 adaptor	
0 321 99	8 LC APC OS2 adaptor	

8.2 Fibre optic drawer characteristics:

They can take very high density cassettes, MTP and LC adaptors.
Maximum capacity: 576 LC connectors
Material: sheet steel
Colour: black

8.3 Cassette characteristics:

Clip directly into the fibre optic drawers; cassettes slide in and out of a chassis.

Cassettes can be fitted and removed from the front and rear.

Cassettes equipped with male MTP connectors

Insertion Loss and Return Loss value for each fibre:

	IL max (dB)	RL min (dB)
Singlemode	1.05 (1)	52.0 (3)
Multimode	0.5 (2)	19.0 (3)

(1) tested in accordance with TIA-526-7 and TIA-568-C.3

(2) tested in accordance with TIA-526-14-A and TIA-568-C.3

(3) tested in accordance with TIA-455-107 and TIA-568-C.3

Cassettes with polarity B available made-to-order in multimode and singlemode.

8. TECHNICAL CHARACTERISTICS (continued)

8.4 Adaptor characteristics:

Clip directly into the fibre optic drawers; adaptors slide in and out of a chassis. Can be fitted and removed from the front and rear.

8.5 Standards and approvals:

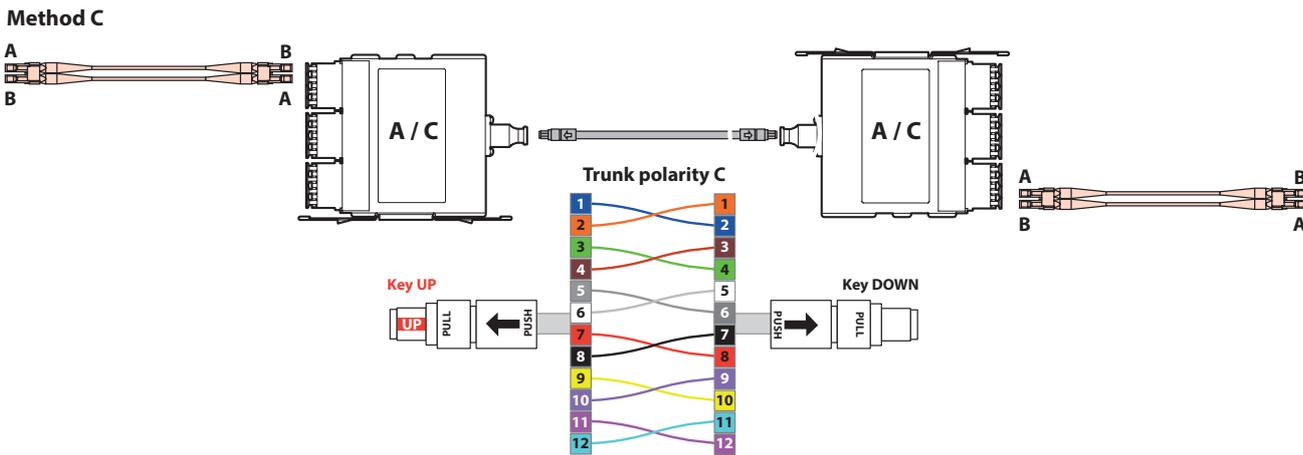
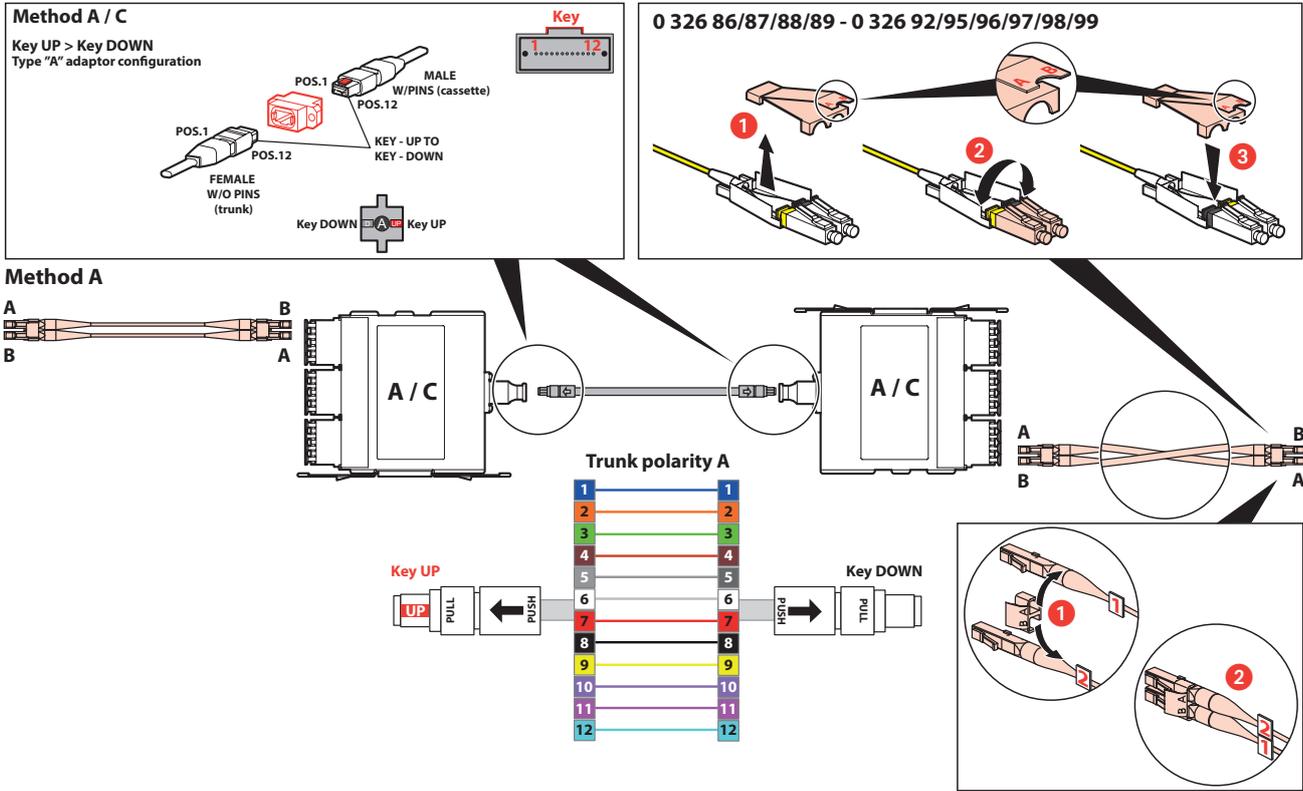
ANSI/TIA-568-C.3: Optical Fiber Cabling Components Standard
TIA-604-10: Fiber Optic Intermateability Standard, LC
TIA-604-5: Fiber Optic Intermateability Standard, MTP/MPO
RoHS

8.6 Climate characteristics

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

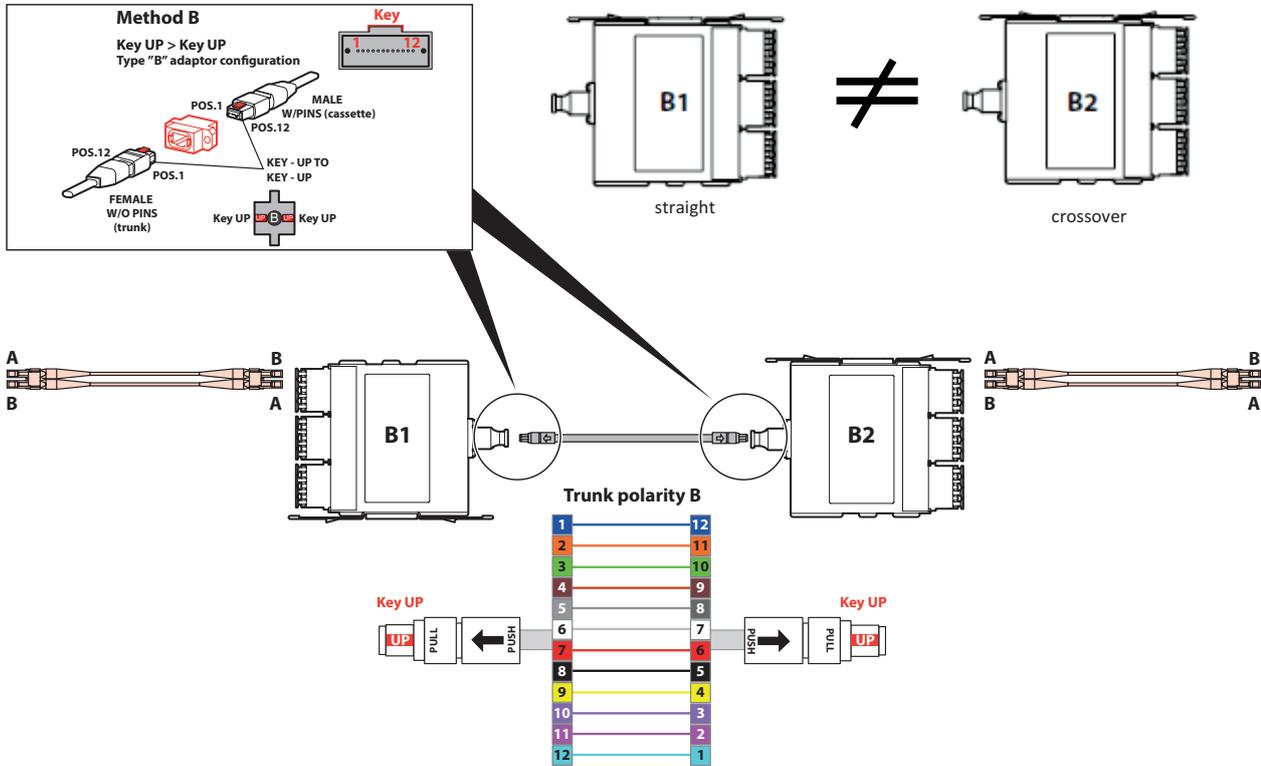
9. POLARITY

Method A/C : 0 321 54 / 0321 55

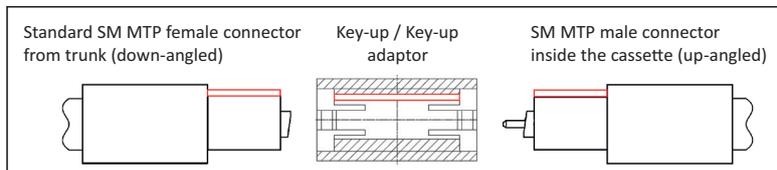


9. POLARITY

Method B : "Made-to-order" singlemode/multimode



For singlemode cassettes with polarity B (key-up/key-up feedthrough), the male MTP connector for the cassette is up-angled in accordance with IEC 61754-1-12 and therefore only compatible with standard polarity B female MTP (or MPO) trunks (down-angled). Polarity B trunks available made-to-order.



9. POLARITY

Universal polarity : 0321 93 / 0321 94

