

Modular Connector Assemblies

LGX Adapter Plates



SC Flangeless Adapters – Spring Retaining – Horizontal Mounting:

Adapters:	SX	SX	SX	SX	DX	DX	DX	DX	DX
Positions:	1	2	3	4	1	4	3	4	6
Fibers:	1	2	3	4	2	4	6	8	12
Plate type:									
Beige	264-LAP03-LA1A1*	264-LAP03-LA2A1*	264-LAP03-LA3A1	264-LAP03-1A4A1	264-LAP03-LB1A1*	264-LAP03-LB2A1*	264-LAP03-1B3A1	264-LAP03-2B4A1	264-LAP03-2B6A1
Aqua	264-LAP03-LA1C1*	264-LAP03-LA2C1*	264-LAP03-LA3C1	264-LAP03-1A4C1	264-LAP03-LB1C1*	264-LAP03-LB2C1*	264-LAP03-1B3C1	264-LAP03-2B4C1	264-LAP03-2B6C1
Green	264-LAP03-LA1Y1*	264-LAP03-LA2Y1*	264-LAP03-LA3Y1	264-LAP03-1A4Y1	264-LAP03-LB1Y1*	264-LAP03-LB2Y1*	264-LAP03-1B3Y1	264-LAP03-2B4Y1	264-LAP03-2B6Y1
Blue	264-LAP03-LA1Z1*	264-LAP03-LA2Z1*	264-LAP03-LA3Z1	264-LAP03-1A4Z1	264-LAP03-LB1Z1*	264-LAP03-LB2Z1*	264-LAP03-1B3Z1	264-LAP03-2B4Z1	264-LAP03-2B6Z1

SC Flanged Adapters – Screw Retaining – Horizontal Mounting:

Adapters:	SX	DX	DX	DX
Positions:	4	3	4	6
Fibers:	4	6	8	12
Plate type:				
Aqua	264-LAP03-1A4C2	264-LAP03-1B3C2	264-LAP03-2B4C2	264-LAP03-2B6C2
Green	264-LAP03-1A4Y2	264-LAP03-1B3Y2	264-LAP03-2B4Y2	264-LAP03-2B6Y2
Blue	264-LAP03-1A4Z2	264-LAP03-1B3Z2	264-LAP03-2B4Z2	264-LAP03-2B6Z2

SC Flangeless Adapters – Spring Retaining – Vertical Mounting:

Adapters:	SX	SX	SX	SX	SX	SX
Positions:	1	2	3	4	6	8
Fibers:	1	2	3	4	6	8
Plate type:						
Beige	264-LAP03-TA1A1*	264-LAP03-TA2A1*	264-LAP03-TA3A1	264-LAP03-TA4A1	264-LAP03-1A6A1	264-LAP03-1A8A1
Aqua	264-LAP03-TA1C1*	264-LAP03-TA2C1*	264-LAP03-TA3C1	264-LAP03-TA4C1	264-LAP03-1A6C1	264-LAP03-1A8C1
Green	264-LAP03-TA1Y1*	264-LAP03-TA2Y1*	264-LAP03-TA3Y1	264-LAP03-TA4Y1	264-LAP03-1A6Y1	264-LAP03-1A8Y1
Blue	264-LAP03-TA1Z1*	264-LAP03-TA2Z1*	264-LAP03-TA3Z1	264-LAP03-TA4Z1	264-LAP03-1A6Z1	264-LAP03-1A8Z1

SC Flanged Adapters – Screw Retaining – Vertical Mounting:

Adapters:	SX	SX
Positions:	6	8
Fibers:	6	8
Plate type:		
Aqua	264-LAP03-1A6C2	264-LAP03-1A8C2
Green	264-LAP03-1A6Y2	264-LAP03-1A8Y2
Blue	264-LAP03-1A6Z2	264-LAP03-1A8Z2

Color code reference (per ANSI/TIA-568.3):

BLUE:	adapter is intended to be used for connecting cabling based on SM fiber and UPC plugs.
GREEN:	adapter is intended to be used for connecting cabling based on SM fiber and APC plugs.
BEIGE:	adapter is intended to be used for connecting cabling based on OM1 fiber.
AQUA:	adapter is intended to be used for connecting cabling based on OM3 fiber.
VIOLET:	adapter is intended to be used for connecting cabling based on OM4 fiber.

Please, note that adapter body color is used for identification purposes only and does not denote adapter's transmission performance. All Vertical Cable's adapters are equipped with zirconia ceramic split sleeves capable to efficiently connect all types of fibers.

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LC Flangeless Adapters — Spring Retaining — Horizontal Mounting:

Adapters:	DX	DX	DX	DX	QX	QX	QX	QX	QX
Positions:	1	2	3	4	1	2	3	4	6
Fibers:	2	4	6	8	4	8	12	16	24
Plate type:									
Beige	264-LAP04-LB1A1*	264-LAP04-LB2A1*	264-LAP04-LB3A1	264-LAP04-LB4A1	264-LAP04-LC1A1*	264-LAP04-LC2A1*	264-LAP04-1C3A1	264-LAP04-2C4A1	264-LAP04-2C6A1
Aqua	264-LAP04-LB1C1*	264-LAP04-LB2C1*	264-LAP04-LB3C1	264-LAP04-LB4C1	264-LAP04-LC1C1*	264-LAP04-LC2C1*	264-LAP04-1C3C1	264-LAP04-2C4C1	264-LAP04-2C6C1
Violet	264-LAP04-LB1D1*	264-LAP04-LB2D1*	264-LAP04-LB3D1	264-LAP04-LB4D1	264-LAP04-LC1D1*	264-LAP04-LC2D1*	264-LAP04-1C3D1	264-LAP04-2C4D1	264-LAP04-2C6D1
Green	264-LAP04-LB1Y1*	264-LAP04-LB2Y1*	264-LAP04-LB3Y1	264-LAP04-LB4Y1	264-LAP04-LC1Y1*	264-LAP04-LC2Y1*	264-LAP04-1C3Y1	264-LAP04-2C4Y1	264-LAP04-2C6Y1
Blue	264-LAP04-LB1Z1*	264-LAP04-LB2Z1*	264-LAP04-LB3Z1	264-LAP04-LB4Z1	264-LAP04-LC1Z1*	264-LAP04-LC2Z1*	264-LAP04-1C3Z1	264-LAP04-2C4Z1	264-LAP04-2C6Z1

LC Flanged Adapters — Screw Retaining — Horizontal Mounting:

Adapters:	DX	QX	QX	QX
Positions:	4	3	4	6
Fibers:	8	12	16	24
Plate type:				
Aqua	264-LAP04-1B4C2	264-LAP04-1C3C2	264-LAP04-2C4C2	264-LAP04-2C6C2
Violet	264-LAP04-1B4D2	264-LAP04-1C3D2	264-LAP04-2C4D2	264-LAP04-2C6D2
Green	264-LAP04-1B4Y2	264-LAP04-1C3Y2	264-LAP04-2C4Y2	264-LAP04-2C6Y2
Blue	264-LAP04-1B4Z2	264-LAP04-1C3Z2	264-LAP04-2C4Z2	264-LAP04-2C6Z2

LC Flangeless Adapters — Spring Retaining — Vertical Mounting:

Adapters:	DX	DX	DX	DX	DX	DX
Positions:	1	2	3	4	6	8
Fibers:	2	4	6	8	12	16
Plate type:						
Beige	264-LAP04-TB1A1*	264-LAP04-TB2A1*	264-LAP04-TB3A1	264-LAP04-TB4A1	264-LAP04-1B6A1	264-LAP04-1B8A1
Aqua	264-LAP04-TB1C1*	264-LAP04-TB2C1*	264-LAP04-TB3C1	264-LAP04-TB4C1	264-LAP04-1B6C1	264-LAP04-1B8C1
Violet	264-LAP04-TB1D1*	264-LAP04-TB2D1*	264-LAP04-TB3D1	264-LAP04-TB4D1	264-LAP04-1B6D1	264-LAP04-1B8D1
Green	264-LAP04-TB1Y1*	264-LAP04-TB2Y1*	264-LAP04-TB3Y1	264-LAP04-TB4Y1	264-LAP04-1B6Y1	264-LAP04-1B8Y1
Blue	264-LAP04-TB1Z1*	264-LAP04-TB2Z1*	264-LAP04-TB3Z1	264-LAP04-TB4Z1	264-LAP04-1B6Z1	264-LAP04-1B8Z1

LC Flanged Adapters — Screw Retaining — Vertical Mounting:

Adapters:	DX	DX
Positions:	6	8
Fibers:	12	16
Plate type:		
Aqua	264-LAP04-1B6C2	264-LAP04-1B8C2
Violet	264-LAP04-1B6D2	264-LAP04-1B8D2
Green	264-LAP04-1B6Y2	264-LAP04-1B8Y2
Blue	264-LAP04-1B6Z2	264-LAP04-1B8Z2

Color code reference (per ANSI/TIA-568.3):

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AQUA:	adapter is intended to be used for connecting cabling based on OM3 fiber.
VIOLET:	adapter is intended to be used for connecting cabling based on OM4 fiber.

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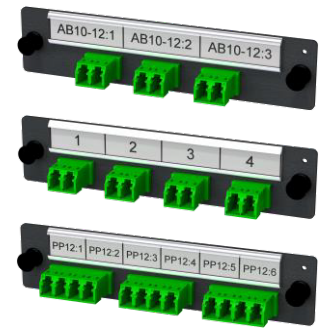
Modular Connector Assemblies

LGX Adapter Plates



Adapter Plates with Labeling – Spring Retaining:

Adapters:	SC			LC		QX
Positions:	SX	SX	DX	DX	DX	DX
Fibers:	3	4	3	3	4	3
Plate type:	3	4	6	6	8	12
Beige	264-LAP03-IA3A1	264-LAP03-IA4A1	264-LAP03-IB3A1	264-LAP04-IB3A1	264-LAP04-IB4A1	264-LAP04-IC3A1
Aqua	264-LAP03-IA3C1	264-LAP03-IA4C1	264-LAP03-IB3C1	264-LAP04-IB3C1	264-LAP04-IB4C1	264-LAP04-IC3C1
Violet				264-LAP04-IB3D1	264-LAP04-IB4D1	264-LAP04-IC3D1
Green	264-LAP03-IA3Y1	264-LAP03-IA4Y1	264-LAP03-IB3Y1	264-LAP04-IB3Y1	264-LAP04-IB4Y1	264-LAP04-IC3Y1
Blue	264-LAP03-IA3Z1	264-LAP03-IA4Z1	264-LAP03-IB3Z1	264-LAP04-IB3Z1	264-LAP04-IB4Z1	264-LAP04-IC3Z1



MPO Flangeless Adapters – Spring Retaining:

Positions:	1	1	2	2	3	3	4	4	6	8
Plate type:										
Black¹	264-LAP05-TA1B1*	264-LAP05-LA1B1*	264-LAP05-TA2B1*	264-LAP05-LA2B1*	264-LAP05-TA3B1	264-LAP05-LA3B1	264-LAP05-TA4B1	264-LAP05-LA4B1	264-LAP05-1A6B1	264-LAP05-1A8B1
Aqua²	264-LAP05-TA1C1*	264-LAP05-LA1C1*	264-LAP05-TA2C1*	264-LAP05-LA2C1*	264-LAP05-TC3C1	264-LAP05-LC3C1	264-LAP05-TC4C1	264-LAP05-1C4C1	264-LAP05-1C6C1	264-LAP05-1C8C1
Green²	264-LAP05-TA1Y1*	264-LAP05-LA1Y1*	264-LAP05-TA2Y1*	264-LAP05-LA2Y1*	264-LAP05-TC3Y1	264-LAP05-LC3Y1	264-LAP05-TC4Y1	264-LAP05-1C4Y1	264-LAP05-1C6Y1	264-LAP05-1C8Y1
Blue²	264-LAP05-TA1Z1*	264-LAP05-LA1Z1*	264-LAP05-TA2Z1*	264-LAP05-LA2Z1*	264-LAP05-TC3Z1	264-LAP05-LC3Z1	264-LAP05-TC4Z1	264-LAP05-1C4Z1	264-LAP05-1C6Z1	264-LAP05-1C8Z1

¹ Neutral color (universal), Type A: Key-Up/Key-Down
² Color-coded, switchable key

MPO Flanged Adapters – Screw Retaining:

Positions:	4	6	8
Adapter plate:			
Black¹	264-LAP05-1A4B2	264-LAP05-1A6B2	264-LAP05-1A8B2

¹ Neutral color (universal), Type A: Key-Up/Key-Down

Blank Plate:

Plate type:	264-MAPO0-0000
Blank	

Keystone Module Adapter Plate:

Plate type:	264-MAP01-1A06
Unpopulated	

FC Bulkhead Adapters – DD Flange:

Positions:	6	8	12
Fibers:	6	8	12
Plate type:			
	264-LAP01-1A06A	264-LAP01-2A08A	264-LAP01-2A12A

ST Bulkhead Adapters – DD Flange:

Positions:	6	8	12
Fibers:	6	8	12
Plate type:			
	264-LAP02-1A06A	264-LAP02-2A08A	264-LAP02-2A12A

Color code reference (per ANSI/TIA-568.3):

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VIOLET:	adapter is intended to be used for connecting cabling based on OM4 fiber.

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CHARACTERISTICS

Plate format:	LGX compatible.	
Plate materials:	plate:	1.5-mm (15-GA) lightweight aluminum alloy;
	finish:	black powder coating;
	panel fasteners:	nylon/ABS.
Environmental:	operating temperature:	-20 °C–+70 °C (-4 °F–+158 °F);
	operating humidity:	≤95 % RH non-condensing.
Dimensions:	width:	130 mm (5.12 in);
	height:	29 mm (1.14 in);
	depth: FC:	15 mm (0.6 in);
	MPO:	25 mm (1 in);
	ST, SC, LC:	30 mm (1.2 in);
	mounting hole distance:	118 mm (4.65 in) ctc.

Adapters:	FC	ST	SC				LC				MPO		
Format ¹ :	SX	SX	SX NF	SX MF	DX NF	DX MF	DX NF	DX MF	QX NF	QX MF	A NF	A MF	K-SW NF
Fiber count:	1	1	1	1	2	2	2	2	4	4	8–24	8–24	8–24
Interface standard:	IEC 61754-13	IEC 61754-2	IEC 61754-4				IEC 61754-20				IEC 61754-7		
Insertion loss (IL):	0.3 dB or lower (when used with standard-compliant plugs)										0.7 dB (SM); 0.35 dB (LL SM); 0.6 dB (MM); 0.35 dB (LL MM).		
Return loss (RL):	UPC: 55 dB or more (when used with standard-compliant plugs); APC: 65 dB or more (when used with standard-compliant plugs).										-65 dB (8° SM); -65 dB (8° LL SM); -25 dB (MM); -25 dB (LL MM).		

Fiber type compatibility: SM 9/125, MM 50/125, MM 62.5/125.

Plug type compatibility: PC, UPC, APC.

Adapter construction: one-piece or two-piece design;
split Zirconia ceramic sleeves (single-fiber adapters);
retention: flangeless adapters: chatter-proof three-sided or two-sided spring;
flanged adapters: flanges with holes for two self-tapping screws;
optional plastic integral latches or two-sided metal springs;
dust-proof plugs (with integral key in K-SW adapters).

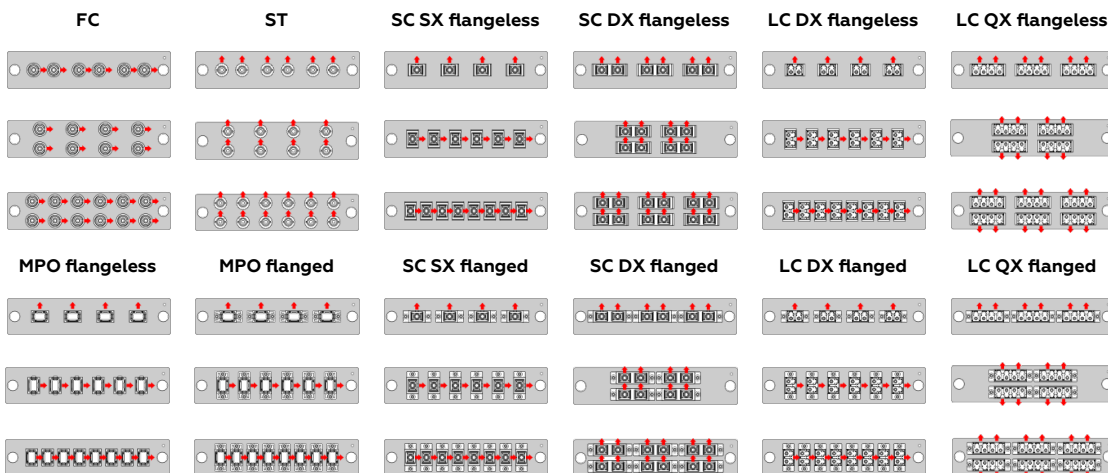
Compliance: Regulation (EC) No 1907/2006 (REACH); Directive 2011/65/EU Am. 2015/863/EU (RoHS2).

plastic parts: ANSI/UL 94 V-0.

Compatibility: Telcordia GR-326-CORE.

¹ NF: No Flange (flangeless); MF: Mounting Flange (flanged);
A: Type A (KUKD, Key-Up-Key-Down); K-SW: Key-Switchable.

ADAPTER ORIENTATION



NOTE: Custom orientations are available upon request.