

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 |
| Violet | 264-LAP03-LA1D1 | 264-LAP03-LA2D1 | 264-LAP03-LA3D1 | 264-LAP03-1A4D1 | 264-LAP03-LB1D1 | 264-LAP03-LB2D1 | 264-LAP03-1B3D1 | 264-LAP03-2B4D1 | 264-LAP03-2B6D1 |
| 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 |
| 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 |

SC Flanged Adapters – Screw Retaining – Horizontal Mounting:

| Adapters: | SX | DX | DX | DX |
|-------------|-----------------|-----------------|-----------------|-----------------|
| Positions: | 4 | 3 | 4 | 6 |
| Fibers: | 4 | 6 | 8 | 12 |
| Plate type: | | | | |
| Beige | 264-LAP03-1A4A2 | 264-LAP03-1B3A2 | 264-LAP03-2B4A2 | 264-LAP03-2B6A2 |
| Aqua | 264-LAP03-1A4C2 | 264-LAP03-1B3C2 | 264-LAP03-2B4C2 | 264-LAP03-2B6C2 |
| Violet | 264-LAP03-1A4D2 | 264-LAP03-1B3D2 | 264-LAP03-2B4D2 | 264-LAP03-2B6D2 |
| Blue | 264-LAP03-1A4Z2 | 264-LAP03-1B3Z2 | 264-LAP03-2B4Z2 | 264-LAP03-2B6Z2 |
| Green | 264-LAP03-1A4Y2 | 264-LAP03-1B3Y2 | 264-LAP03-2B4Y2 | 264-LAP03-2B6Y2 |

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 |
| Violet | 264-LAP03-TA1D1 | 264-LAP03-TA2D1 | 264-LAP03-TA3D1 | 264-LAP03-TA4D1 | 264-LAP03-1A6D1 | 264-LAP03-1A8D1 |
| Blue | 264-LAP03-TA1Z1 | 264-LAP03-TA2Z1 | 264-LAP03-TA3Z1 | 264-LAP03-TA4Z1 | 264-LAP03-1A6Z1 | 264-LAP03-1A8Z1 |
| Green | 264-LAP03-TA1Y1 | 264-LAP03-TA2Y1 | 264-LAP03-TA3Y1 | 264-LAP03-TA4Y1 | 264-LAP03-1A6Y1 | 264-LAP03-1A8Y1 |

SC Flanged Adapters – Screw Retaining – Vertical Mounting:

| Adapters: | SX | SX |
|-------------|-----------------|-----------------|
| Positions: | 6 | 8 |
| Fibers: | 6 | 8 |
| Plate type: | | |
| Beige | 264-LAP03-1A6A2 | 264-LAP03-1A8A2 |
| Aqua | 264-LAP03-1A6C2 | 264-LAP03-1A8C2 |
| Violet | 264-LAP03-1A6D2 | 264-LAP03-1A8D2 |
| Blue | 264-LAP03-1A6Z2 | 264-LAP03-1A8Z2 |
| Green | 264-LAP03-1A6Y2 | 264-LAP03-1A8Y2 |

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

- 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.
- 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.

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.

Modular Connector Assemblies

LGX Adapter Plates



LC Flangeless Adapters – Spring Retaining – Horizontal Mounting:

| Adapters: | DX | | DX | | QX | | QX | | QX | |
|-------------|--------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----|
| Positions: | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 6 | 24 |
| Fibers: | 2 | 4 | 6 | 8 | 4 | 8 | 12 | 16 | 6 | 24 |
| Plate type: | [Diagram of plate types] | | | | | | | | | |
| 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 | |
| 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 | |
| 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 | |

LC Flanged Adapters – Screw Retaining – Horizontal Mounting:

| Adapters: | DX | | QX | | QX | | QX | |
|-------------|--------------------------|-----------------|-----------------|-----------------|----|----|----|----|
| Positions: | 4 | 8 | 3 | 12 | 4 | 16 | 6 | 24 |
| Fibers: | 8 | 16 | 12 | 24 | 16 | 32 | 24 | 48 |
| Plate type: | [Diagram of plate types] | | | | | | | |
| Beige | 264-LAP04-1B4A2 | 264-LAP04-1C3A2 | 264-LAP04-2C4A2 | 264-LAP04-2C6A2 | | | | |
| 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 | | | | |
| Blue | 264-LAP04-1B4Z2 | 264-LAP04-1C3Z2 | 264-LAP04-2C4Z2 | 264-LAP04-2C6Z2 | | | | |
| Green | 264-LAP04-1B4Y2 | 264-LAP04-1C3Y2 | 264-LAP04-2C4Y2 | 264-LAP04-2C6Y2 | | | | |

LC Flangeless Adapters – Spring Retaining – Vertical Mounting:

| Adapters: | DX | | DX | | DX | | DX | | DX | |
|-------------|--------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|----|----|----|----|
| Positions: | 1 | 2 | 3 | 4 | 6 | 8 | 12 | 16 | 12 | 16 |
| Fibers: | 2 | 4 | 6 | 8 | 12 | 16 | 24 | 32 | 24 | 32 |
| Plate type: | [Diagram of plate types] | | | | | | | | | |
| 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 | | | | |
| Blue | 264-LAP04-TB1Z1 | 264-LAP04-TB2Z1 | 264-LAP04-TB3Z1 | 264-LAP04-TB4Z1 | 264-LAP04-1B6Z1 | 264-LAP04-1B8Z1 | | | | |
| Green | 264-LAP04-TB1Y1 | 264-LAP04-TB2Y1 | 264-LAP04-TB3Y1 | 264-LAP04-TB4Y1 | 264-LAP04-1B6Y1 | 264-LAP04-1B8Y1 | | | | |

LC Flanged Adapters – Screw Retaining – Vertical Mounting:

| Adapters: | DX | |
|-------------|--------------------------|-----------------|
| Positions: | 6 | 8 |
| Fibers: | 12 | 16 |
| Plate type: | [Diagram of plate types] | |
| Beige | 264-LAP04-1B6A2 | 264-LAP04-1B8A2 |
| Aqua | 264-LAP04-1B6C2 | 264-LAP04-1B8C2 |
| Violet | 264-LAP04-1B6D2 | 264-LAP04-1B8D2 |
| Blue | 264-LAP04-1B6Z2 | 264-LAP04-1B8Z2 |
| Green | 264-LAP04-1B6Y2 | 264-LAP04-1B8Y2 |

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

| | |
|---------|--|
| 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. |
| 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. |

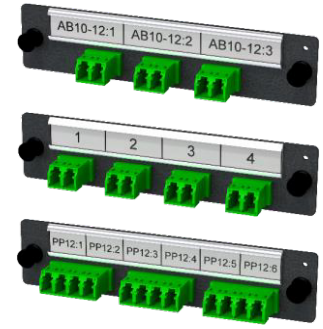
Please, note that adapter body color is used for identification purposes only and does not denote adapter's transmission performance. All Vertical Cable's adapters are equipped with zirconia ceramic split sleeves capable to efficiently connect all types of fibers.

Modular Connector Assemblies

LGX Adapter Plates

Adapter Plates with Labeling – Spring Retaining:

| Adapters: | SX | | SC | | DX | | LC | | QX | |
|-------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----|--|----|--|
| Positions: | 3 | | 4 | | 3 | | 4 | | 3 | |
| Fibers: | 3 | | 4 | | 6 | | 6 | | 12 | |
| Plate type: | | | | | | | | | | |
| 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-LAP03-IA3D1 | 264-LAP03-IA4D1 | 264-LAP03-IB3D1 | 264-LAP04-IB3D1 | 264-LAP04-IB4D1 | 264-LAP04-IC3D1 | | | | |
| Blue | 264-LAP03-IA3Z1 | 264-LAP03-IA4Z1 | 264-LAP03-IB3Z1 | 264-LAP04-IB3Z1 | 264-LAP04-IB4Z1 | 264-LAP04-IC3Z1 | | | | |
| Green | 264-LAP03-IA3Y1 | 264-LAP03-IA4Y1 | 264-LAP03-IB3Y1 | 264-LAP04-IB3Y1 | 264-LAP04-IB4Y1 | 264-LAP04-IC3Y1 | | | | |



MPO Flangeless Adapters – Spring Retaining:

| Positions: | 1 | | 2 | | 3 | | 4 | | 6 | | 8 | |
|--------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---|--|
| Plate type: | | | | | | | | | | | | |
| Black ¹ | 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-IA6B1 | 264-LAP05-IA8B1 | | |
| Aqua ² | 264-LAP05-TA1C1 | 264-LAP05-LA1C1 | 264-LAP05-TA2C1 | 264-LAP05-LA2C1 | 264-LAP05-TA3C1 | 264-LAP05-LC3C1 | 264-LAP05-TC4C1 | 264-LAP05-1C4C1 | 264-LAP05-1C6C1 | 264-LAP05-1C8C1 | | |
| Blue ² | 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 | | |
| Green ² | 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 | | |

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

² Color-coded, key-switchable

MPO Flanged Adapters – Screw Retaining:

| Positions: | 4 | | 6 | | 8 | |
|--------------------|-----------------|-----------------|-----------------|--|---|--|
| Plate type: | | | | | | |
| Black ¹ | 264-LAP05-1A4B2 | 264-LAP05-1A6B2 | 264-LAP05-1A8B2 | | | |

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

Blank Plate:

| | |
|-------------|----------------|
| Plate type: | |
| Blank | 264-MAP00-0000 |

Keystone-Module Adapter Plate:

| | |
|-------------|----------------|
| Plate type: | |
| Unpopulated | 264-MAP01-1A06 |

FC Bulkhead Adapters – DD Flange:

| Positions: | 6 | | 8 | | 12 | |
|-------------|-----------------|-----------------|-----------------|--|----|--|
| Fibers: | 6 | | 8 | | 12 | |
| Plate type: | | | | | | |
| MM | 264-LAP1M-1A06A | 264-LAP1M-2A08A | 264-LAP1M-2A12A | | | |
| SM | 264-LAP1S-1A06A | 264-LAP1S-2A08A | 264-LAP1S-2A12A | | | |

ST Bulkhead Adapters – DD Flange:

| Positions: | 6 | | 8 | | 12 | |
|-------------|-----------------|-----------------|-----------------|--|----|--|
| Fibers: | 6 | | 8 | | 12 | |
| Plate type: | | | | | | |
| MM | 264-LAP2M-1A06A | 264-LAP2M-2A08A | 264-LAP2M-2A12A | | | |
| SM | 264-LAP2S-1A06A | 264-LAP2S-2A08A | 264-LAP2S-2A12A | | | |

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

| | |
|---------|--|
| 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. |
| 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. |

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.

Modular Connector Assemblies

LGX Adapter Plates



CHARACTERISTICS

| | | | |
|------------------|---|--|--|
| Plate format: | LGX compatible. | | |
| Plate materials: | plate: | 1.5-mm (15-GA) lightweight aluminum alloy; | |
| | finish: | black powder coating; | |
| | panel fasteners: | nylon/acrylonitrile butadiene styrene (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.

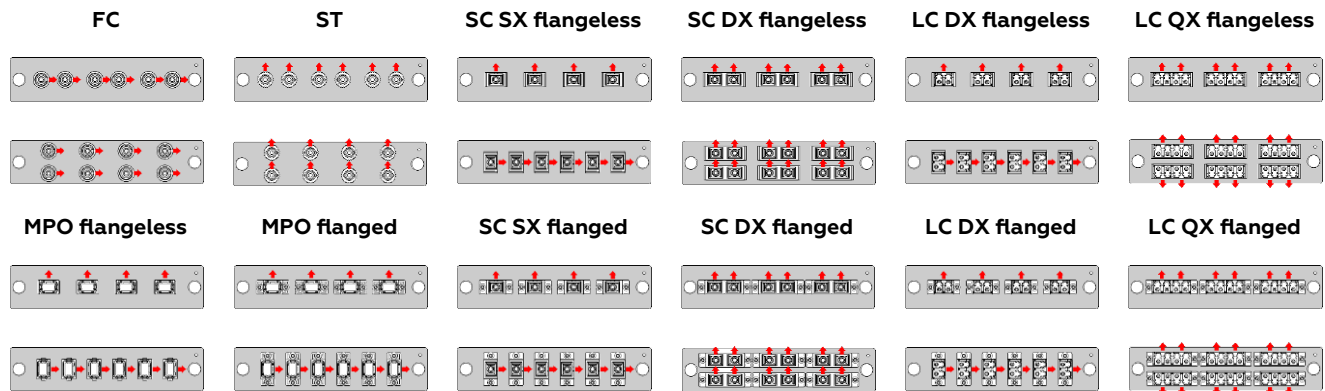
Adapter construction: one-piece or two-piece design;
split Zirconia ceramic sleeves (single-fiber adapters);
retention: flangeless adapters: chatter-proof three-sided or two-sided spring;
flanged adapters: flanges with holes for two self-tapping screws;
optional plastic integral latches or two-sided 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. For different configurations, please, add a note to the order.