

Wall Outlets and Surface-Mount Boxes

Surface-Mount Box

268-SMB12-2BW00

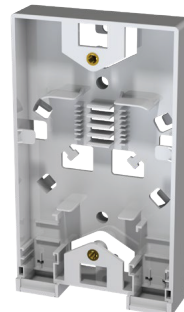
Work-Area Surface-Mount Box, Blank.



AS DELIVERED (FRONT VIEW)



AS DELIVERED WITH LABEL HOLDER ATTACHED



FRONT VIEW WITH COVER REMOVED



REAR VIEW

CHARACTERISTICS

Mounting:	surface-mount using two wood screws (included).
Mounting dimensions:	W: 70 mm (2.75 in), H: 120 mm (4.7 in), D: 24 mm (1 in).
Container material:	ABS PP 94V0 plastic, impact-resistant, UV-stabilized.
Cable management:	integral mechanism for cable slack, cable ties (included); maintains standard bend radius (50 mm (2 in)); location: rear section (separate from fiber management section).
Distribution cable entry:	rear (open) and sides (breakout points).
Fiber management:	integral mechanism for fiber slack; maintains standard bend radius (50 mm (2 in)); location: front section (separate from cable management section).
Entry port protection:	integral shutters.
Splicing:	four slots for fusion splice protection sleeves; four 2.5 mm × 40 mm sleeves included.
Identification/labeling:	Option 1: Write-on identification area; size: W:60mm (2.35 in), H: 14 mm (0.55 in). Option 2: Clear plastic label holder with adhesive mounting (included); labeling medium plain paper inserts; size: W:60mm(2.35 in), H: 20 mm(0.80 in), D:1.2mm (0.05 in).
Adapters:	Zirconia ceramic split sleeves; one-piece body.
Fiber type compatibility:	SM 9/125; MM 50/125; MM 62.5/125.
Insertion loss (IL):	0.3 dB or lower (when used with standard-compliant plugs).
Return loss (RL):	UPC: ≥55 dB (when used with standard-compliant plugs); APC: ≥65 dB (when used with standard-compliant plugs).
Adapter compliance:	IEC 61754-4 (type SC connector family); IEC 61754-20 (type LC connector family); Regulation (EC) No 1907/2006 (REACH); Directive 2011/65/EU Am. 2015/863/EU (RoHS2); ANSI/UL 94 V-0.
Environmental:	operating temperature: -20 °C–+70 °C (-4 °F–+158 °F); operating humidity: ≤95 % RH non-condensing.

SC Flanged Adapters – Screw Retaining:

Adapters:	SX	SX	SX	DX	DX	DX
Positions:	4	6	8	3	4	6
Fibers:	4	6	8	6	8	12
Plate type:						
Aqua	264-LAP03-1A4C2	264-LAP03-1A6C2	264-LAP03-1A8C2	264-LAP03-1B3C2	264-LAP03-2B4C2	264-LAP03-2B6C2
Green	264-LAP03-1A4Y2	264-LAP03-1A6Y2	264-LAP03-1A8Y2	264-LAP03-1B3Y2	264-LAP03-2B4Y2	264-LAP03-2B6Y2
Blue	264-LAP03-1A4Z2	264-LAP03-1A6Z2	264-LAP03-1A8Z2	264-LAP03-1B3Z2	264-LAP03-2B4Z2	264-LAP03-2B6Z2

LC Flanged Adapters – Screw Retaining:

Adapters:	DX	DX	DX	QX	QX	QX
Positions:	4	6	8	3	4	6
Fibers:	8	12	16	12	16	24
Plate type:						
Aqua	264-LAP04-1B4C2	264-LAP04-1B6C2	264-LAP04-1B8C2	264-LAP04-1C3C2	264-LAP04-2C4C2	264-LAP04-2C6C2
Violet	264-LAP04-1B4D2	264-LAP04-1B6D2	264-LAP04-1B8D2	264-LAP04-1C3D2	264-LAP04-2C4D2	264-LAP04-2C6D2
Green	264-LAP04-1B4Y2	264-LAP04-1B6Y2	264-LAP04-1B8Y2	264-LAP04-1C3Y2	264-LAP04-2C4Y2	264-LAP04-2C6Y2
Blue	264-LAP04-1B4Z2	264-LAP04-1B6Z2	264-LAP04-1B8Z2	264-LAP04-1C3Z2	264-LAP04-2C4Z2	264-LAP04-2C6Z2

MPO Flanged Adapters – Screw Retaining:

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

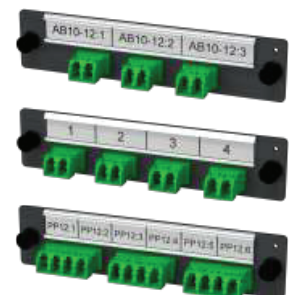
Color code reference (per ANSI/TIA-568.3):

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.

Adapter Plates with Labeling – Spring Retaining:

Adapters:	SX	SC	DX	DX	LC	QX
Positions:	3	4	3	3	4	3
Fibers:	3	4	6	6	8	12
Plate type:						
Beige	264-LAP03-1A3A1	264-LAP03-1A4A1	264-LAP03-1B3A1	264-LAP04-1B3A1	264-LAP04-1B4A1	264-LAP04-1C3A1
Aqua	264-LAP03-1A3C1	264-LAP03-1A4C1	264-LAP03-1B3C1	264-LAP04-1B3C1	264-LAP04-1B4C1	264-LAP04-1C3C1
Violet				264-LAP04-1B3D1	264-LAP04-1B4D1	264-LAP04-1C3D1
Green	264-LAP03-1A3Y1	264-LAP03-1A4Y1	264-LAP03-1B3Y1	264-LAP04-1B3Y1	264-LAP04-1B4Y1	264-LAP04-1C3Y1
Blue	264-LAP03-1A3Z1	264-LAP03-1A4Z1	264-LAP03-1B3Z1	264-LAP04-1B3Z1	264-LAP04-1B4Z1	264-LAP04-1C3Z1
















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/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) etc.	

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 ² (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 ² (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.

² When used with standard-compliant plugs.

ADAPTER ORIENTATION

