



A Furukawa Company

12-Port SC Panel w/LC Duplex Adapters

Providing a High Density Adapter Solution



12-port SC panel

Features and Benefits

- Duplex LC adapter that fits an SC port
- 100% factory tested
- High reliability
- Available in black or white
- Compact package

Product Description

The 12-port SC panel used in the 7 inch LGX® Shelf comes in both black and white. The duplex LC adapter is formatted to fit into the SC opening and is available in beige, aqua and blue plastic. The beige adapter is for MM fiber (62.5 and 50 μm); the aqua adapter is for high bandwidth MM fiber; and the blue adapter is for SM fiber.

Product Specification

Specification	Value
Insertion Loss	0.25 dB per connection (two connectors and one adapter port)
Return Loss (SM)	55 dB
Return Loss (MM)	20 dB
Mating Durability	< 0.2 dB change
Temperature Range	-40 °C to 85 °C

Maximum Multimode Fiber Lengths for Various CPRI™ Rates*

Rate	Line Bit Rate Options	OM1 length (m) ¹	OM2 length (m) ²	OM3 length (m) ³	OM4 length (m) ⁴
CPRI 1	614.4 Mb/s	720	1300	1500	1500
CPRI 2	1228.8 Mb/s	400	840	1500	1500
CPRI 3	2457.6 Mb/s	NR	440	1100	1360
CPRI 4	3072.0 Mb/s	NR	400	1000	1220
CPRI 5	4915.2 Mb/s	NR	240	700	880
CPRI 6	6144.0 Mb/s	NR	180	570	720

* CPRI = Common Public Radio Interface

¹ OM1 bandwidth is 200 MHz*km (62.5/125 fiber)

² OM2 bandwidth is 500 MHz*km (50/125 fiber)

³ OM3 bandwidth is 2000 MHz*km (LaserWave® 300 Fiber)

⁴ OM4 bandwidth is (4400 MHz*km) (LaserWave 550 fiber)

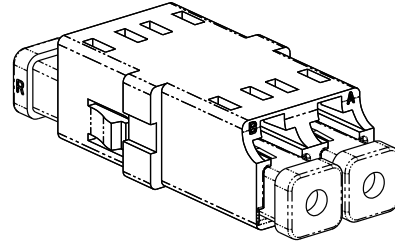
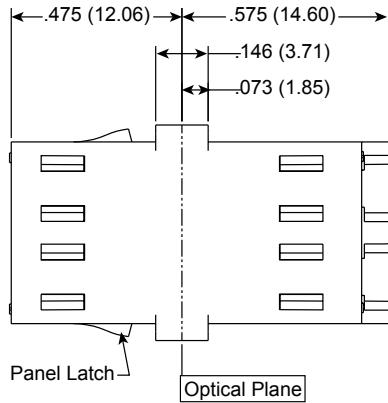
Ordering Information

Comcode	Description
300446911	1000SC1-12 BLK- DPLX- LC24-SM
300446937	1000SC1-12 WHT- DPLX- LC24-SM
300531423	1000SC1-12 BLK -DPLX- LC24-MM
301007159	1000SC1-12 WHT- DPLX- LC24-MM
300507324	1000SC1-12 BLK- DPLX- LC24- LW

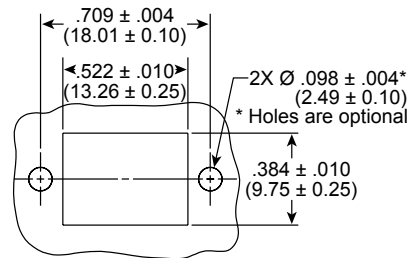
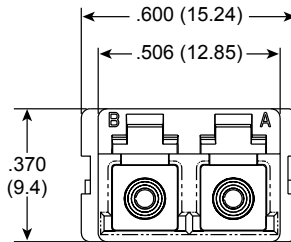
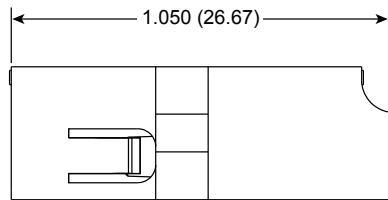


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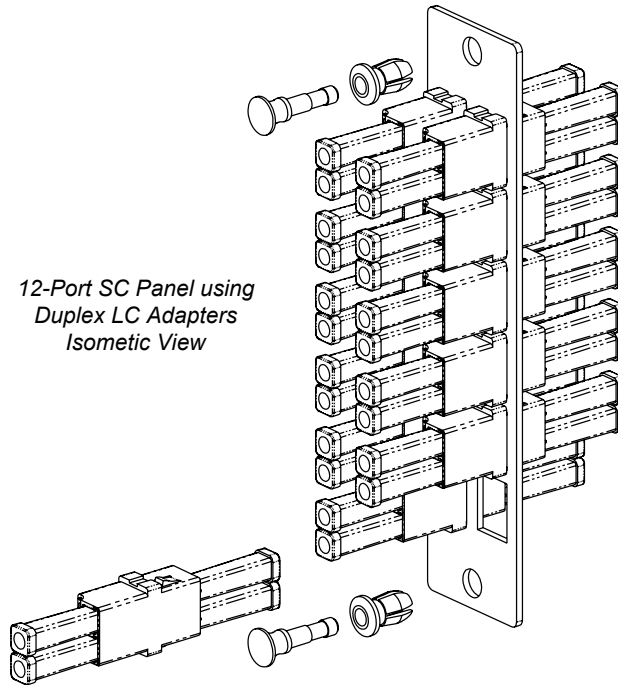
12-Port SC Panel w/LC Duplex Adapters



Low Profile LC Adapter



12-Port SC Panel using Duplex LC Adapters
Isometric View



For additional information please contact your sales representative.

You can also visit our website at www.ofsoptics.com or call 1-888-fiberhelp (1-888-342-3743) USA or 1-770-798-5555 outside the USA.



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