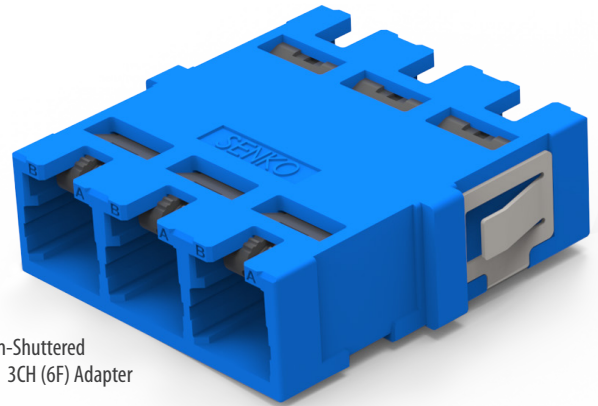


## **CS**<sup>®</sup> **ADAPTER** Non-Shuttered SC/LC-Footprint 3-Channel (6F)



CS Non-Shuttered  
3CH (6F) Adapter

SENKO's 3-channel (6f) SC/LC-footprint adapter is designed to offer backward compatibility with patch panels or modules incorporating SC duplex or LC Quad-sized cut-outs. This retro-fittable adapter is an excellent choice for cabling providers or equipment manufacturers seeking to upgrade their existing systems to CS<sup>®</sup> without redesigning new panels or hardware.

By incorporating this adapter, the density of LC-based hardware can be increased by an impressive 33%. This means that an LC Quad adapter supporting four LC connectors can be upgraded to an adapter capable of delivering six CS<sup>®</sup> connections.

In response to the increasing demand for enhanced patch panel density and reduced total cost per port, network operators are actively seeking fresh solutions. Upgrading from LC to CS<sup>®</sup> presents an ideal opportunity to achieve these goals while freeing up valuable rack space for other critical applications.

The non-shuttered SC/LC-footprint adapters can be conveniently stacked side-by-side within extended multi-adapter panel cut-outs without consuming additional space beyond the SC/LC footprint size. For instance, it is possible to place 6 adapters in one elongated slot if required, maximizing the utilization of available space.

### FEATURES

- Retro-fittable to standard SC/LC panel cut-outs
- 33% more density than LC
- Accepts CS<sup>®</sup> standard and junior connectors
- Supports 200G/400G VSFF connectivity
- Color-coded for rapid identification of fiber-type
- Telcordia, ANSI, TIA and IEC compliant

### APPLICATIONS

- Upgrading existing fiber management hardware from SC/LC to CS<sup>®</sup>
- Improved rack-space utilization in Brownfield data centers
- High-density patch panels
- LGX patching modules
- MPO-CS<sup>®</sup> transition modules and panels

### KEY BENEFITS

- ✓ **Retro-fittable to SC/LC cut-outs**

## Mechanical Data

	Value
Durability	500 matings per TIA-568
Fixing Method	Snap-fit ( <i>adapter without flange</i> ) or screw and nut ( <i>adapter with flange</i> )
Housing Material Type	Plastic
Fixing Spring Material Type	Metal stainless steel
Sleeve Material	Zirconia
Dust Protection Method	Removable dust plugs

## Optical Data

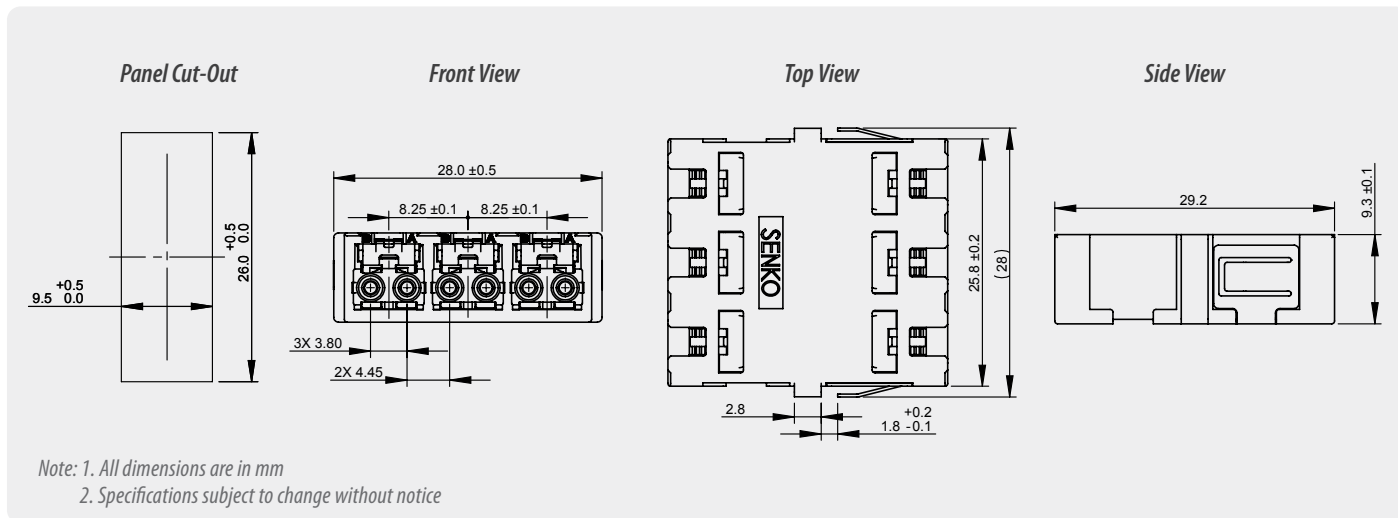
	Value
Typical Insertion Loss (dB)*	0.10
Max. Insertion Loss (dB)*	0.20

\* Based on master grade jumper to low loss random mating test

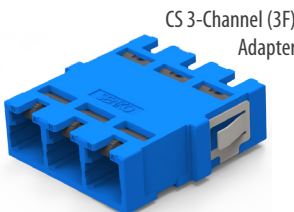
## Environmental Data

	Value
Operating Temperature	-40°C to +75°C
RoHS Compliance	2015/863 RoHS
REACH Compliance	Yes
Free of Halogen	Yes
Humidity Resistance	95%

### 3-Channel Adapter Drawing



### ORDERING



ADAPTER TYPE		FLANGE	HOUSING COLOR
<b>683</b>	CS 3-Channel (6F) Adapter	<b>1</b> With Flange	<b>1</b> Blue
		<b>2</b> Without Flange	<b>3</b> Green
			<b>7</b> Heather Violet
			<b>9</b> Aqua

**683 - 11** ORDER CODE example

*Note: Adapter supplied with protective dust-cap on both sides*

# SENKO<sup>®</sup>

Advanced Components

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