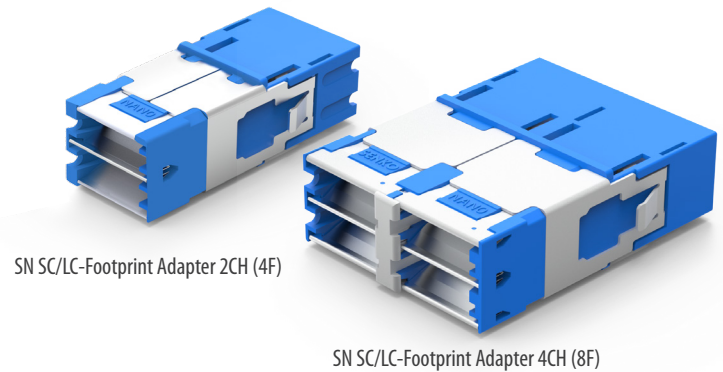


SN[®] **ADAPTER** Shuttered SC/LC-Footprint 2 (4F) and 4-Channel (8F)



SENKO's SN[®] SC/LC-footprint shuttered adapters are available either as a 2-channel (4 fibers) or 4-channel (8 fibers) variant. The 2-channel type is designed to fit to legacy hardware incorporating an SC simplex (LC duplex) cut-out. The 4-channel version is designed to fit into legacy hardware incorporating the SC duplex (LC quad) cut-out.

These retro-fittable adapters are the ideal choice for cabling providers or equipment manufacturers that want to upgrade their existing systems to SN[®] hyper-density without redesigning new panels or hardware. Each adapter will double the density of existing SC/LC-based systems and subsequently reduce the total cost per port of the overall system. Operators can benefit from significantly reduced rack consumption and improve their RU (Rack Unit) revenue-efficiency accordingly.

FEATURES

- Retro-fittable to standard SC/LC panel cut-outs
- Double the patch-panel density of LC
- Integrated shutter reduces impact of dust and dirt ingress
- Accepts SN[®] 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 SN[®]
- Improved rack-space utilization in Brownfield data centers
- High-density centralized cross-connects and patch panels
- Mixed fiber panels combining different connector types

KEY BENEFITS

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

Mechanical Data

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	Integrated shutter mechanism (<i>operated by connector insertion</i>)

Optical Data

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

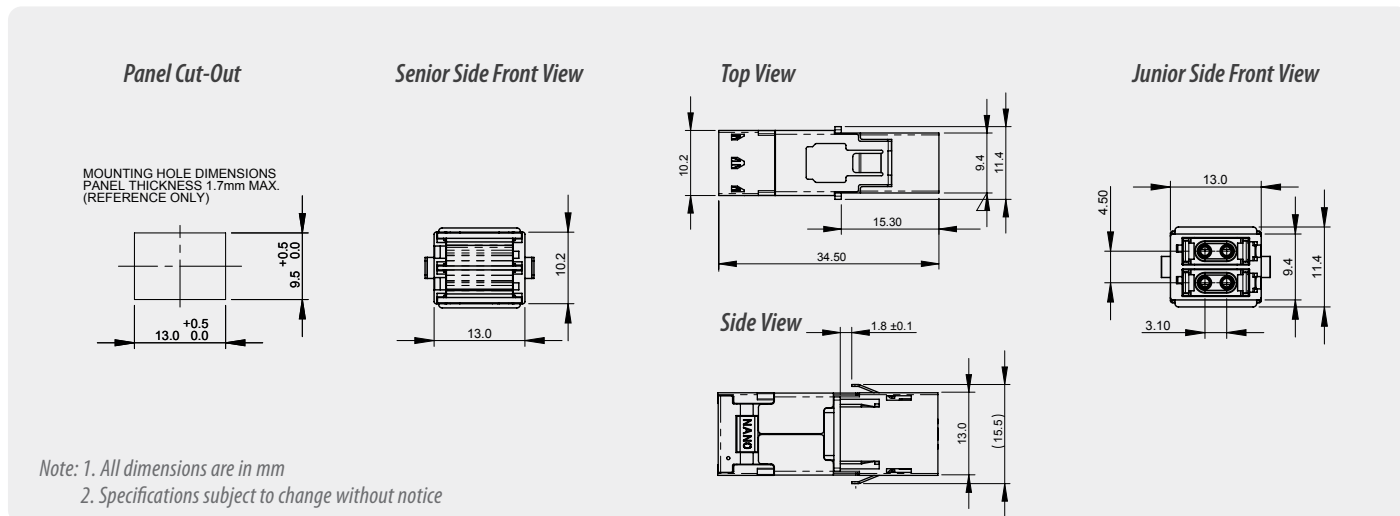
Environmental Data	Value
Operating Temperature	-40°C to +75°C
RoHS Compliance	2015/863 RoHS
REACH Compliance	Yes
Free of Halogen	Yes
Humidity Resistance	95%

SN[®] ADAPTER

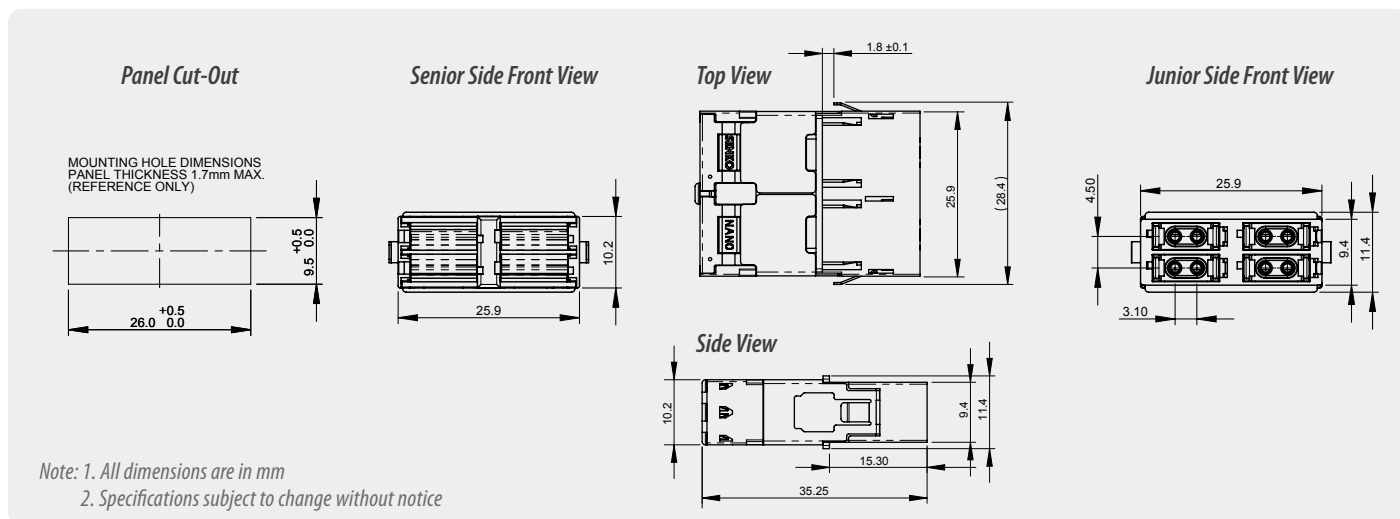
Shuttered, SC/LC-footprint, 2-channel (4F) and 4-channel (8F)

SN[®] ADAPTER DATA SHEET

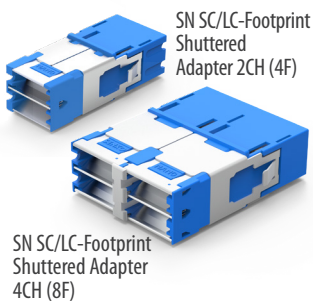
2-Channel Adapter Drawing



4-Channel Adapter Drawing



ORDERING



SC/LC FOOTPRINT TYPE	FLANGE	HOUSING COLOR
67B SN 2-Channel (4F) Shuttered Adapter	1 With Flange	1 Blue (SM PC/UPC)
67D SN 4-Channel (8F) Shuttered Adapter	2 Without Flange	3 Green (SM APC)
		7 Heather Violet (MM OM4)
		9 Aqua (MM OM3)

67B - 17 ORDER CODE example

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

SENKO[®]

Advanced Components

sales@senko.com
1-858-623-3300

senko.com/contact