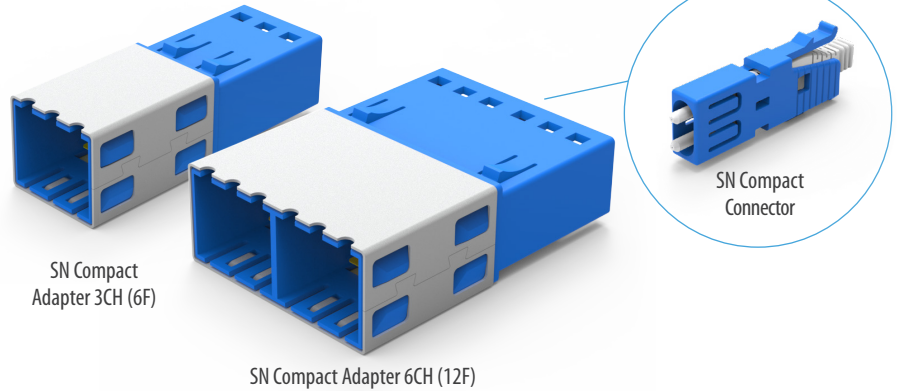


## SN<sup>®</sup> ADAPTER Compact 3 (6F) and 6-Channel (12F)



SN<sup>®</sup> compact adapters are available either as a 3-channel (6 fibers) or 6-channel variant (12 fibers). The 3-channel type is designed to fit to legacy hardware incorporating the SC simplex (LC duplex) cut-out, and the 6-channel version is designed to fit legacy hardware incorporating the SC duplex (LC quad) cut-out.

These compact adapters are designed to be placed side by side in low-profile modular cassette systems that have little or no space above or below the adapter for fixing elements. The compact adapter is held in place by the base and top cover of the cassette, and therefore spring clips are placed on the upper and lower face of the adapter. The BTW (Behind The Wall) side of the adapter is lower in height than the front of the adapter to compensate for the material wall thickness of the cassette.

To achieve this reduced adapter height on the inside of the cassette, SENKO has designed the complimentary SN<sup>®</sup> compact connector which is an essential component when integrating this adapter into your system.

### FEATURES

- Triple the patch-panel density of LC
- Designed for lowest profile modular cassette systems
- Accepts SN<sup>®</sup> compact connector (BTW side) and SN<sup>®</sup> standard connector (front side)
- Supports 200G/400G VSFF connectivity
- Color coded for rapid identification of fiber-type
- 3-channel and 6-channel variants available
- Telcordia, ANSI, TIA and IEC compliant

### APPLICATIONS

- 1RU chassis with 3x rows of adapters
- Spine/leaf architectures within hyperscale data centers
- Modular low-profile fiber optic cassette systems
- Spine/leaf architectures within hyperscale data centers
- High-density centralized cross-connects
- Mass server consolidation EoR, MoR

### KEY BENEFITS

- ✓ **Suitable for low-profile cassettes**
- ✓ **Side by side stacking of adapters**

## Mechanical Data

Mechanical Data	Value
Durability	500 matings per TIA-568
Fixing Method	Snap-fit
Housing Material Type	Plastic
Fixing Spring Material Type	Integrated plastic spring clips
Sleeve Material	Zirconia
Dust Protection Method	Removable dust pPlugs

## 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

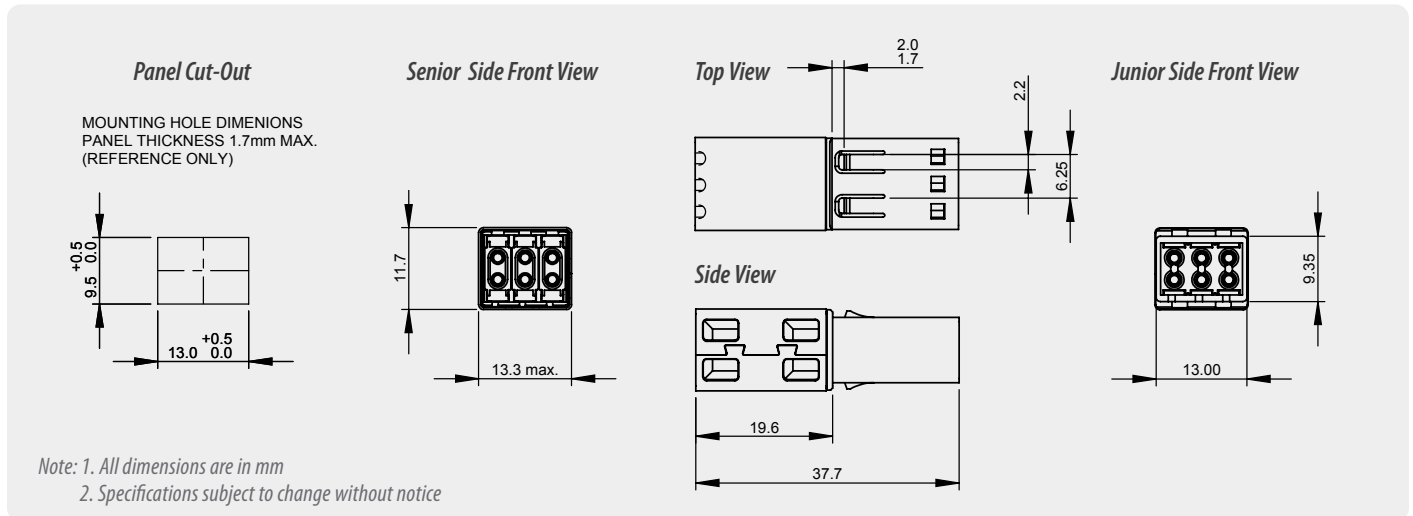
Environmental Data	Value
Operating Temperature	-40°C to +75°C
RoHS Compliance	2015/863 RoHS
REACH Compliance	Yes
Free of Halogen	Yes
Humidity Resistance	95%

# SN<sup>®</sup> ADAPTER

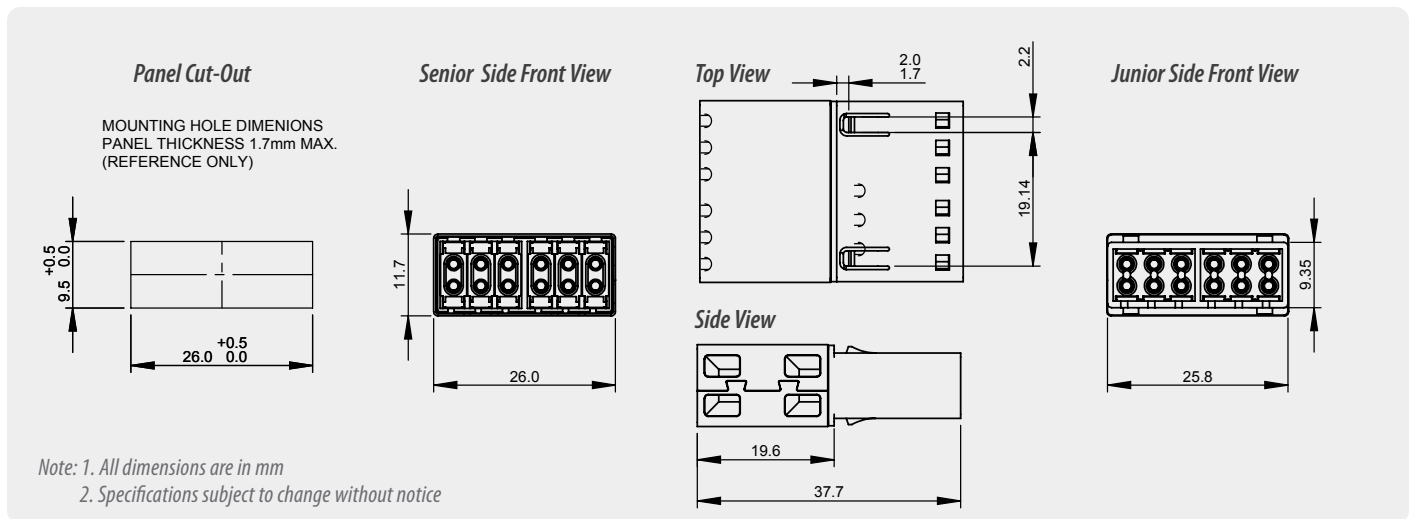
## Compact, 3-channel (6F) and 6-channel (12F)

SN<sup>®</sup> ADAPTER DATA SHEET

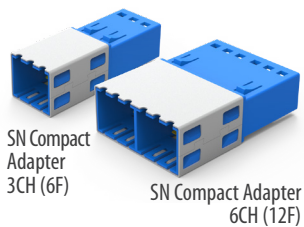
### 3-Channel Adapter Drawing



### 6-Channel Adapter Drawing



#### ORDERING



SN FOOTPRINT TYPE		FLANGE TYPE		HOUSING COLOR	
693	SN 3-Channel (6F) Non-Shuttered Adapter	3	Top Mount	1	Blue (SM PC/UPC)
696	SN 6-Channel (12F) Non-Shuttered Adapter			3	Green (SM APC)
				7	Heather Violet (MM OM4)
				9	Aqua (MM OM3)

693 - 37 ORDER CODE example

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

# SENKO<sup>®</sup>

Advanced Components

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1-858-623-3300

[senko.com/contact](https://senko.com/contact)