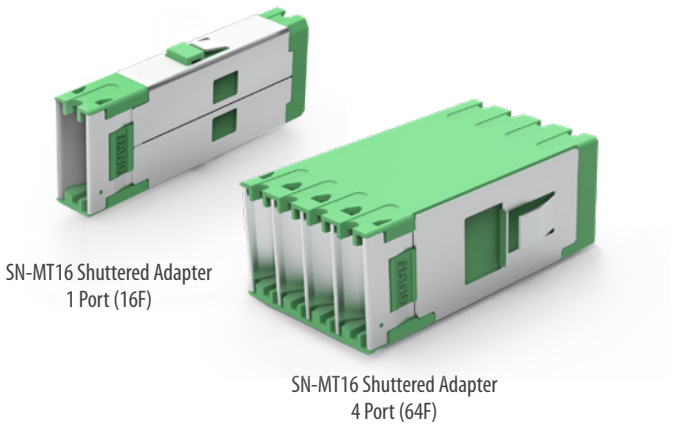
DATA SHEET

SENKO®
Advanced Components

SN®-MT16 ADAPTER

Shuttered
SN Footprint
1 (16F) and 4-Port (64F)



SN-MT16 Shuttered Adapter
1 Port (16F)

SN-MT16 Shuttered Adapter
4 Port (64F)

SENKO's SN®-MT16 shuttered adapters are available either as a 1-port (16 fibers) or 4-port variant (64 fibers). The single port is designed for applications such as BASE-16 to Base-2 transitions, where the adapter is placed at the rear of fiber management cassettes or panels. The 4-port version is designed to maximize port density within high-density patch panels or active equipment.

Due to its compact size, the SN®-MT16, 4-port adapter allows users to achieve the highest possible density within patch panels and optical distribution frames. Up to 3,456 fibers can be presented in a single 1RU (Rack Unit) subject to cable management and connector-access limitations. These adapters feature integrated shutters on each port that reduces the impact of dirt and dust ingress and offers a degree of laser protection for the user. When the connector is inserted into the adapter, the body of the connector (not the ferrule) pushes the shutter open so that the ferrules can be guided into the adapter. Shuttered SN®-MT16 adapters can either be snapped into panel cut-outs or screwed into place using an appropriate bolt and nut (with flange type). Adapters incorporating an integrated fixing flange will require additional space between each cut-out, and the maximum density per RU may be reduced.

FEATURES

- Premium one-piece body design
- Up to 3,456 fibers per 1RU (Rack Unit)
- Accepts SN®-MT16 standard and junior connectors
- Integrated port shutters
- Supports 800G VSFF connectivity
- Telcordia, ANSI, TIA and IEC compliant
- Identification marking for fast and simple connector alignment

APPLICATIONS

- High-density patch panels
- Backbone trunks
- Base-16 transition modules
- Spine/leaf architectures
- High-density cross-connects
- Switch replication
- Opto-electronic equipment

KEY BENEFITS

- ✓ **Up to 3,456f per 1RU**
- ✓ **Optimum panel packing density**

Mechanical Data

Mechanical Data	Value
Durability	50 matings per GR-1435-Core
Fixing Method	Snap-fit *(adapter without flange)* or screw and nut *(adapter with flange)*
Housing Material Type	Plastic
Fixing Spring Material Type	Metal stainless steel
Sleeve Material	Plastic *(alignment achieved with male/female connectors)*
Dust Protection Method	Integrated shutter

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

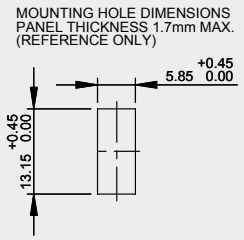
Environmental Data	Value
Operating Temperature	-40°C to +75°C
RoHS Compliance	2015/863 RoHS
REACH Compliance	Yes
Free of Halogen	Yes
Humidity Resistance	95%

SN®-MT16 *ADAPTER*

Shuttered, SN footprint, 1-port (16F) and 4-port (64F)

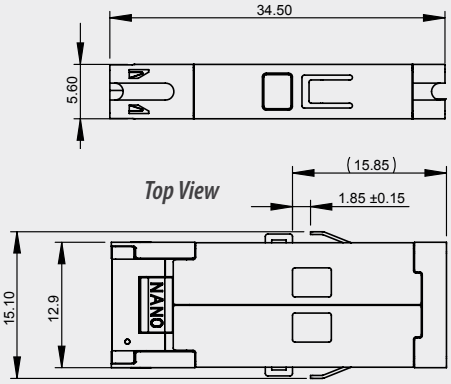
1-Channel Adapter Drawing

Panel Cut-Out



Senior Side Front View

Side View

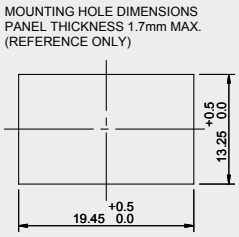


BTW (Behind-the-Wall) View

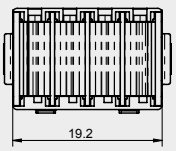
Note: 1. All dimensions are in mm
2. Specifications subject to change without notice

4-Channel Adapter Drawing

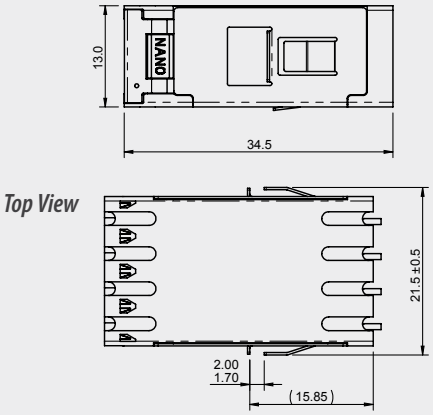
Panel Cut-Out



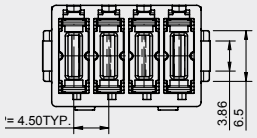
Senior Side Front View



Side View



BTW (Behind-the-Wall) View



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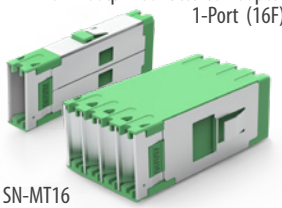
ORDERING

SN-MT16
SN-Footprint Shuttered Adapter
1-Port (16F)



SN-MT16
SN-Footprint
Shuttered Adapter 4-Port (64F)

SN FOOTPRINT TYPE	
651S	SN 1-Port (16F) Non-Shuttered Adapter
654S	SN 4-Port (64F) Non-Shuttered Adapter

FLANGE	
1	With Flange
2	Without Flange

HOUSING COLOR	
2	Black (Multimode)
3	Green (Singlemode)

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

Contact SENKO

SENKO®
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senko.com/contact

DS-SN-MT-000003-RevA-EN