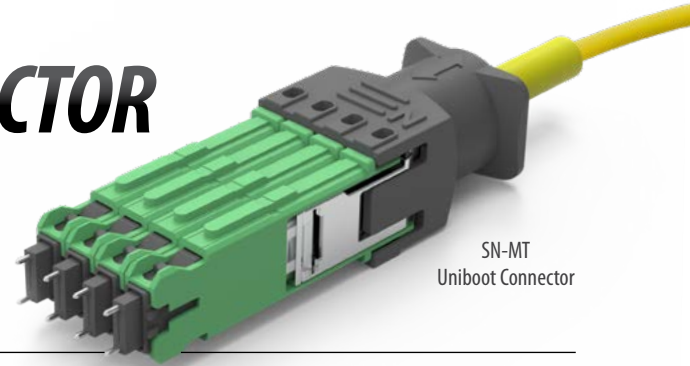


## **SN<sup>®</sup>-MT UNIBOOT CONNECTOR**

**4-Channel x 16F (64F)**

**200 μm Pitch SN-MT Ferrule**



SN-MT  
Uniboot Connector

The SN<sup>®</sup>-MT16 Uniboot is a pioneering connector that combines four individual SN<sup>®</sup>-MT connectors into one single housing and boot so that all connectors can be plugged into high-density patch panels or transceivers simultaneously. This approach of 'ganging' multiple connectors together reduces the installation time and associated cable clutter that accumulates at the rear of high-density patch panels. A standard 1RU patch panel with a recommended maximum density of 216 SN<sup>®</sup>-MT ports per 1RU can be reduced to 54 connectors and cables with the SN<sup>®</sup>-MT Uniboot connector.

In terms of panel density, the SN-MT Uniboot is an essential component in achieving hyperscale density without compromising practicality and user-friendliness. The SN<sup>®</sup>-MT16 Uniboot offers an unparalleled density 3,456 fibers per 1RU which is significantly higher than that achievable with the MPO connector

The SN<sup>®</sup>-MT16 Connector offers an ultra-low insertion loss of less than 0.35 dB per mated connector pair, guaranteeing repeatable and reliable links. Its high-performance MT ferrules and alignment pins further improve reliability, ensuring stable connections and optimal network performance.

### FEATURES

- Patch 64 fibers simultaneously
- Low insertion loss at 0.35dB per connector
- 200-micron fiber pitch (SN-MT16)
- Compatible with 200-micron rollable ribbon
- Push-pull Uniboot for fastest deployment
- Allows up to 3,456 fibers per 1RU (Rack Unit)
- Significantly lower total cost of ownership
- Simplified cable management and reduced cable clutter

### APPLICATIONS

- High-density backbone cabling
- Spine/Leaf and Super-Spine Patching
- Dual 800G backbone cabling
- High-Density Intra-DC Trunk Cables
- Pre-connectorized Trunk cables
- High density patch panels (rear-side)
- Hyperscale data centers

### KEY BENEFITS

- ✓ **High density connector 64F (4 x 16F)**
- ✓ **Trunk cable systems**

**Mechanical Data**

	Value
Durability	50 Matings per GR-1435-Core
Fiber Count	Base-16 (64 fibers)
Cable Suitability	64-fiber micro cable
Ferrule Material	PPS
Dust Protection Method	Removable dust plugs that encapsulate the ferrules

**Optical Data**

	Singlemode
	APC
	SM Premium Low Loss
Typical Insertion Loss (dB)*	0.15
Max. Insertion Loss (dB)*	0.35
Typical Return Loss (dB)*	≥ 60
Ferrule Diameter (µm)	SN-MT ferrule 16-fiber, 200 µm in a single row

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

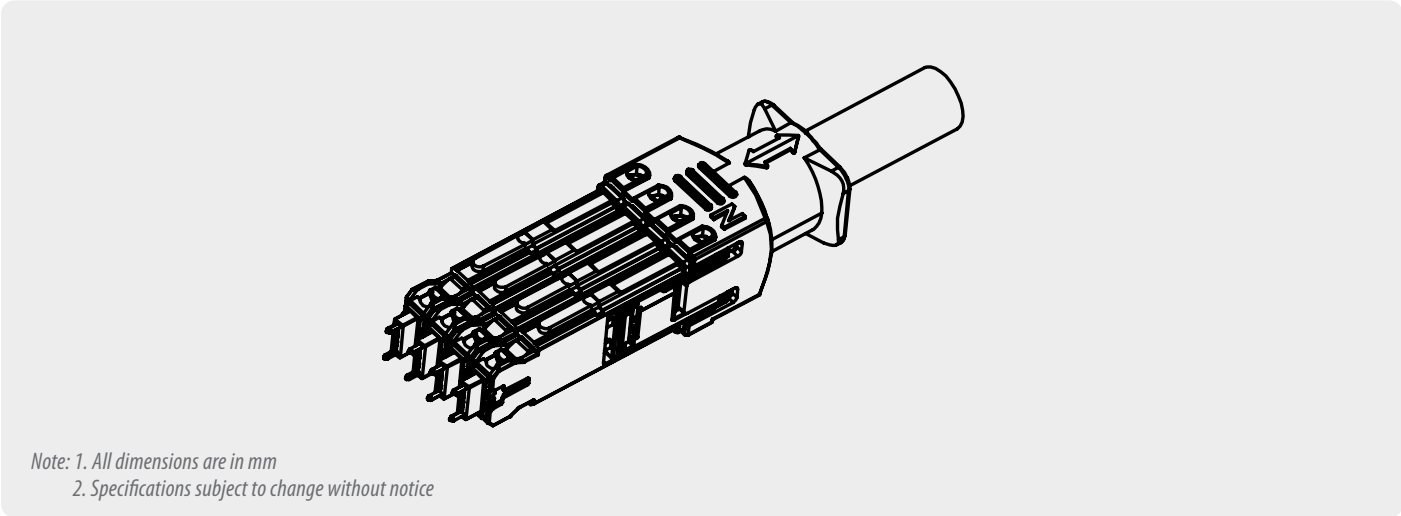
**Environmental Data**

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

**SN-MT UNIBOOT CONNECTOR**

4 Channel x 16F (64F), 200 μm pitch SN-MT ferrule

**SN-MT16 Uniboot Drawing**



**ORDERING**

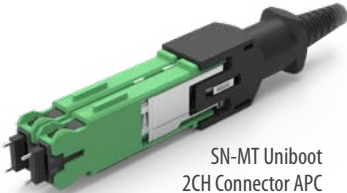
CONNECTOR TYPE		GUIDE PIN GENDER		PERFORMANCE		FIBER COUNT		HOUSING COLOR		BOOT COLOR		SPACER	
<b>64A</b>	SN-MT Uniboot Connector with Ferrule 4CH	<b>F</b>	Female (Without Pin)	<b>SL</b>	SM Super Low Loss	<b>16</b>	16 Fiber	<b>G</b>	SM Green	<b>3</b>	Black	<b>NS</b>	No Spacer (for Narrow)
<b>64C</b>	SN-MT Uniboot Connector with Ferrule 2CH	<b>M</b>	Male (With Pin)			<b>24</b>	24 Fiber					<b>W</b>	White
		<b>G</b>	With Changeable Keeper									<b>L</b>	Blue
												<b>B</b>	Black (Standard)
												<b>A</b>	Aqua
												<b>V</b>	Heather Violet

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

Contact [sales@senko.com](mailto:sales@senko.com) for availability and to learn more



SN-MT Uniboot 4CH Connector APC



SN-MT Uniboot 2CH Connector APC

# SENKO<sup>®</sup>

Advanced Components

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