PRELIMINARY

# SN Adapter and Cable Assembly

molex

**Delivering higher density than CS connectors, SN adapters and cable assemblies from Molex accommodate 4 duplex connectors to provide an efficient and reliable replacement for MPO connectors in quad fiber applications and are optimized to support next-generation 400G QSFP-DD and OSFP transceivers.**

## Features and Advantages

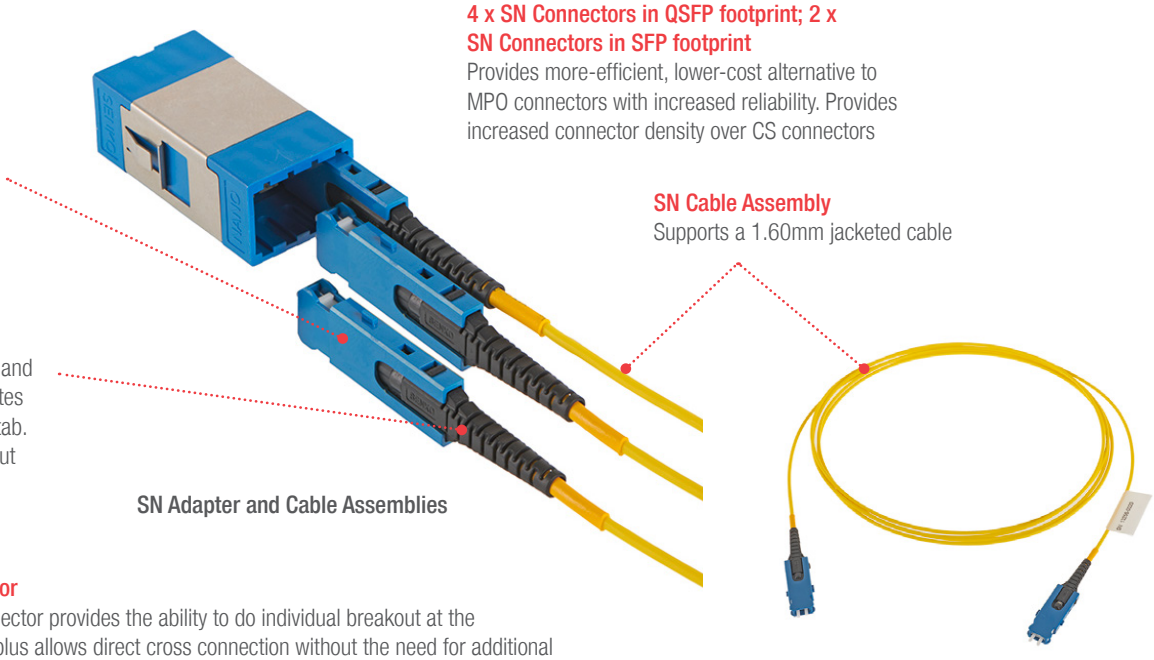
**Optimized for 4 x 100GbE**
Supports next-generation 400G QSFP-DD and OSFP transceivers

**2 x LC ferrules per connector housing**
Delivers proven 1.25mm ferrule technology and LC level performance in a dramatically reduced footprint

**4 x SN Connectors in QSFP footprint; 2 x SN Connectors in SFP footprint**
Provides more-efficient, lower-cost alternative to MPO connectors with increased reliability. Provides increased connector density over CS connectors

**SN Cable Assembly**
Supports a 1.60mm jacketed cable

**Push/pull boot design**
Provides grab boot to mate and de-mate connector. Eliminates interference with TxRx pull tab. Allows for high-density layout



SN Adapter and Cable Assemblies

**SN Connector**
The SN connector provides the ability to do individual breakout at the transceiver, plus allows direct cross connection without the need for additional breakout cables or fiber shuffles that can add up to 4 fiber connections into the overall link. Additional fiber connections add increased insertion loss, create points of failure and increase overall cost.

## Markets and Applications

Data Centers and Telecommunications/Networking

- 400 and 800G system deployment
- Cable distribution/management
- Cloud computing
- Switches/routers
- Servers

Switches/Routers

Cloud Computing

Note: Molex reserves the right to delay or cancel production of the depicted product without additional notice. Please contact your Molex customer service representative for product availability.

**www.molex.com/link/snadapter.html**



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