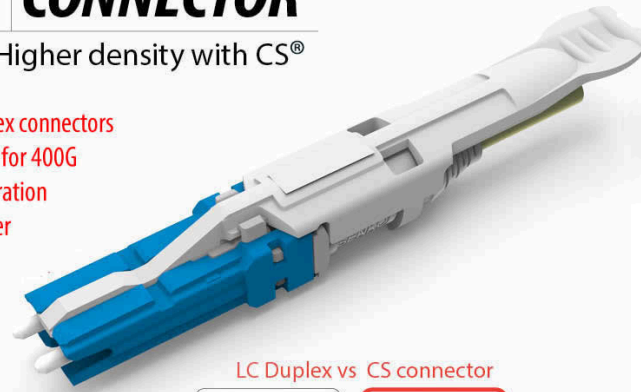




CS® CONNECTOR

Reach Higher density with CS®

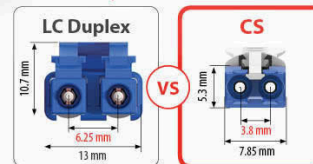
New Duplex connectors
optimized for 400G
new generation
Data Center



OSFP QSFP-DD



LC Duplex vs CS connector



CS® Connector Designed for next gen 200/400G transceiver QSFP-DD and OSFP

Features

- 40% size reduction compared to LC Duplex
- Connector adopted by QSFP-DD, OSFP and COBO
- Performance exceeds LC
- Push/Pull tab for a better usability in high density applications
- Double the density in patch panel compared to LC
- IEC random mating Grade B

eoptolink

(<http://eoptolink.com/>)

legrand

(<http://www.legrand.us>)

molex

(<https://www.molex.com/chanName=family&character>)

PANDUIT

(<http://www.panduit.com>)

SENKO
Advanced Components

(<https://www.senko.com>)

GoFoton

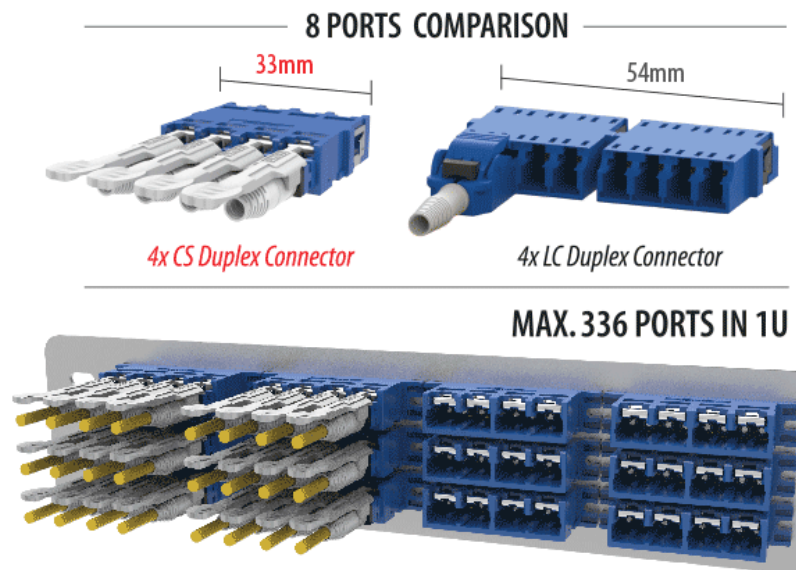
(<https://www.gofoton.com>)



02:31



CS Connector White Paper

Download (https://www.senko.com/technical/pdf/Deployment%20of%20200_400GbE%20Ethernet_RGB.pdf)



About

The CS Consortium is a group of leading fiber optic component manufacturers that focuses on educating end users and design consultants about the technical advantages of using CS based high density connectivity solutions.

Participating members of the CS Consortium share their resources to fund communications initiatives. These activities, which are directed by the Communications Committee, include the development of white papers, case studies, trade press articles, and presentations.

The CS Consortium represents technology leaders committed to providing the most current, reliable, and vendor neutral information about fiber optics and related technologies for advancing new and better communications solutions.

Members

The CS Consortium is an open organization to third parties who wish to participate as members to enable CS high density connectivity solutions. The consortium is made up of founding, standard, and associate members. Standard and Associate members can join after approval from founding members. The Consortium enables industry participants to develop new technologies in order to benefit the industry by facilitating accelerated adoption of CS based high density connectivity solutions. Founding member companies include:



[chanName=family&channel=products&key=cs_adapter_and_cable_assembly&pageTitle=Introduction](https://www.molex.com/molex/products/family?chanName=family&channel=products&key=cs_adapter_and_cable_assembly&pageTitle=Introduction))

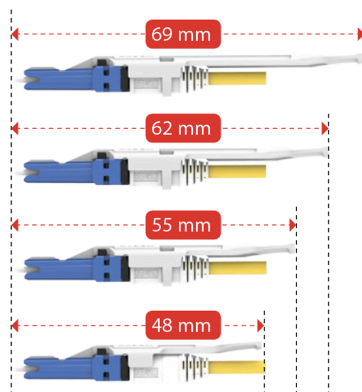


<http://eoptolink.com/>)

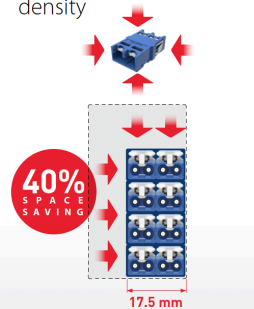


Products

CS® CONNECTOR Push-Pull Tab Variants



CS® CONNECTOR
creates vertical/horizontal
density

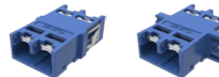


CS® ADAPTER Variants

CS Single Channel (2F)
Adapter



CS Dual Channel (4F)
Adapter

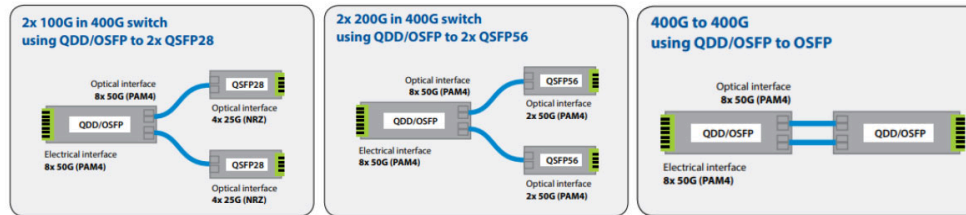


CS Quad Channel (8F)
Adapter



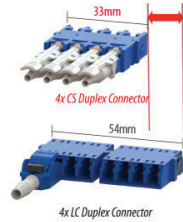


Applications



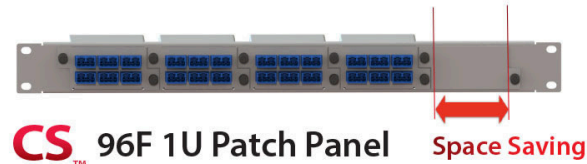


Space Saving 40%



FEATURES

- 39% size reduction compared to LC Duplex
- Designed for OSFP/QSFP-DD Break out application
- Proven 1.25mm Ferrule technology
- Push/Pull tab
- IEC random mating Grade B



CS 96F 1U Patch Panel **Space Saving**



LC 96F 1U Patch Panel

Patching Solution

CS can accommodate 2x32 port switch connections in 1U Panel

32 Port QSFP-DD/OSFP Switch



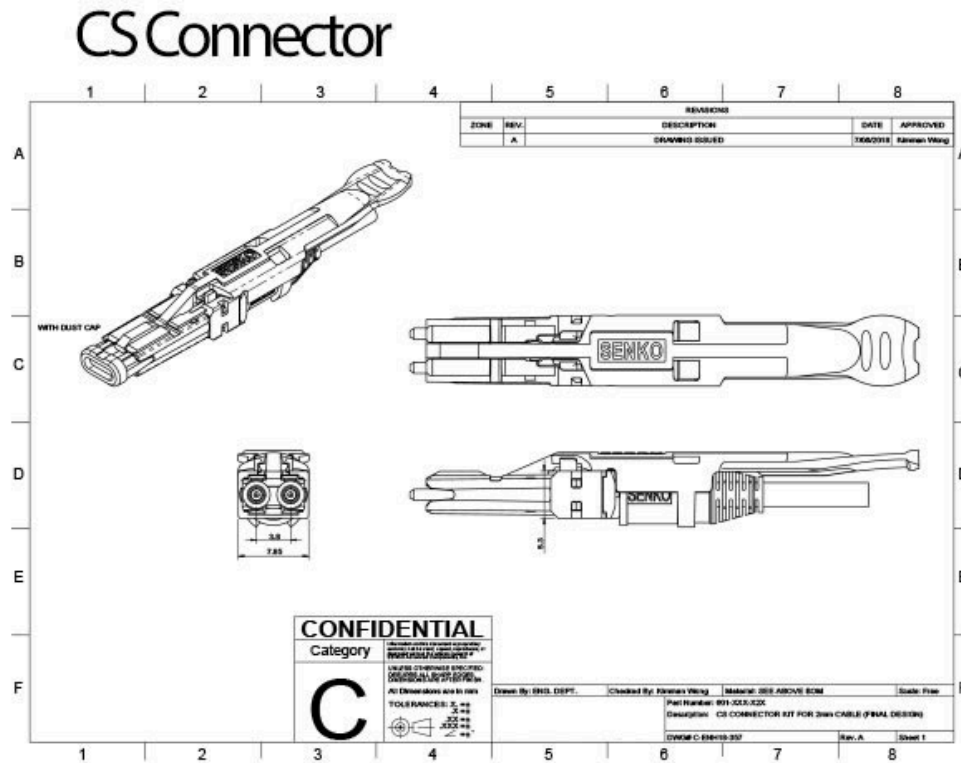
CS 128CH Patch Panel **Only 1U**



LC 128CH Patch Panel **Requires 2U**



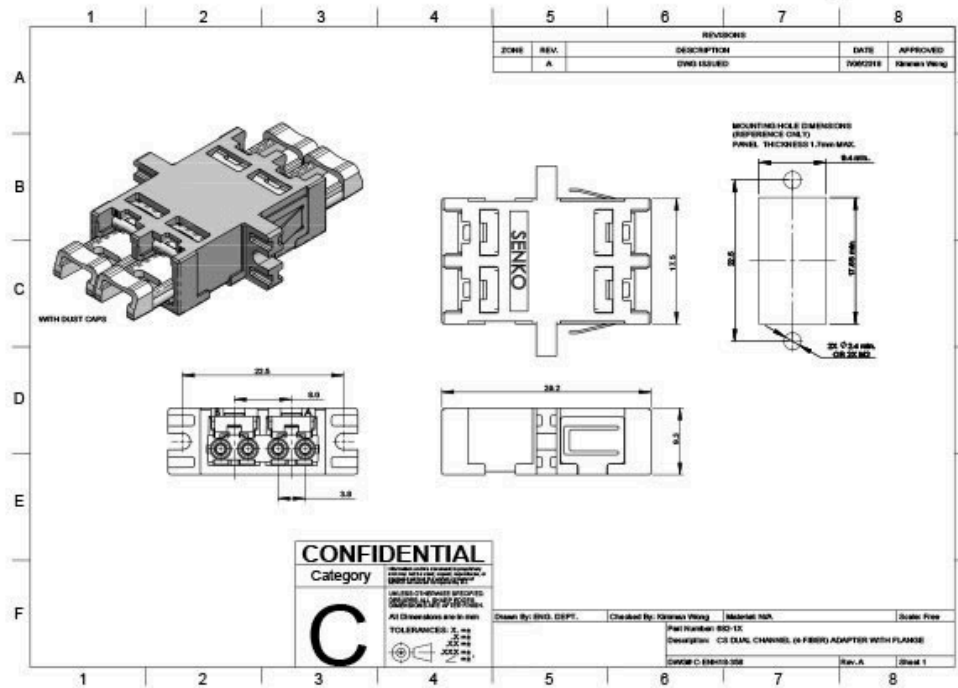
Drawings



(pdf/C-ENH18-357 (601-XXX-X2X)revA - (180706) CS (2F) UPC KIT (OFFICIAL Ver.), 2mm ROUND CABLE.PDF)



CS Dual Channel (4 fiber) adapter



(pdf/C-ENH18-358 (682-1X)revA - (180706) CS DUAL CHANNEL (4-FIBER) ADAPTER WITH FLANGE.PDF)