



SENKO GROUP®

SENKO

Advanced Components

Your Source for Optical Interconnect Solutions

DESIGN • TEST • MANUFACTURE

Optical Connectors for COBO and Co-packaged Optics Equipment

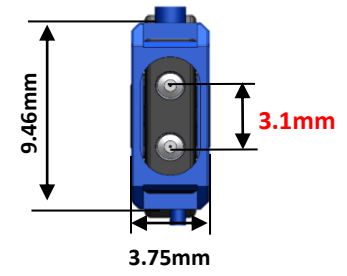
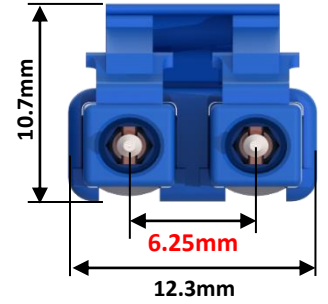
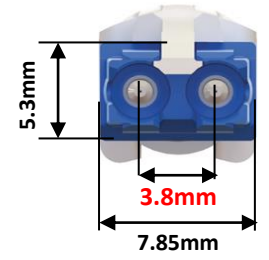
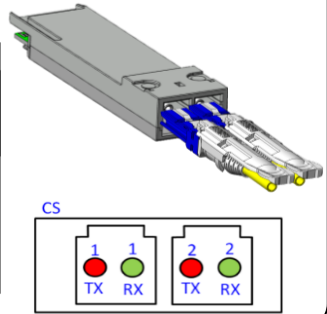
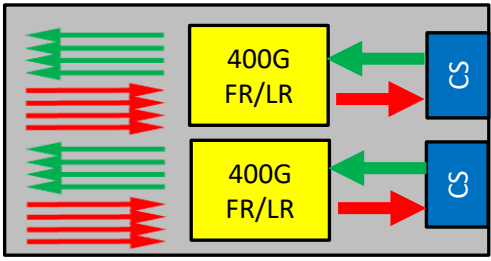
Tiger Ninomiya (Tiger.Ninomiya@senko.com)

CS[®] Connector

2 x LC Ferrule



2x400G to get 800G

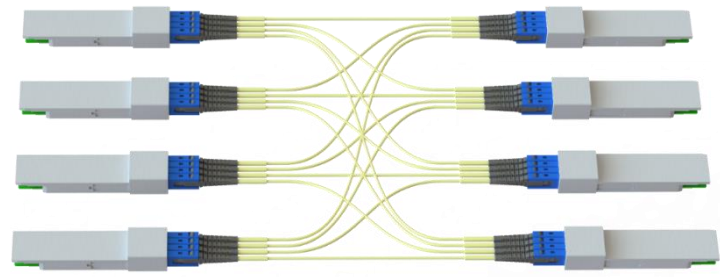


SN[®] Connector

2 x LC Ferrule



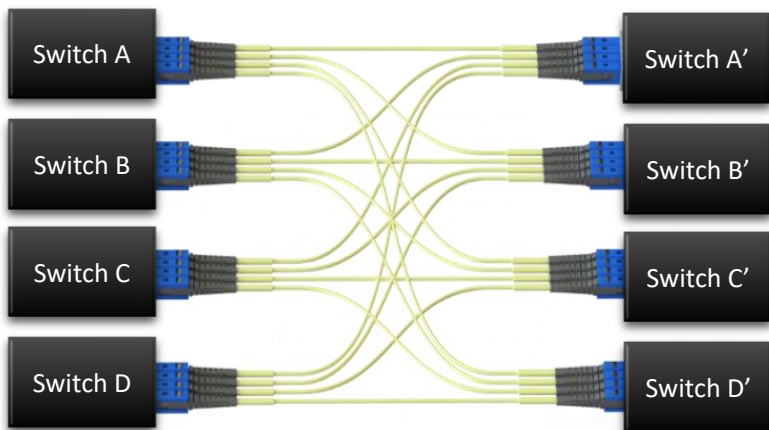
Cross-connect (DR4/SR4/SR4.2)



Duplex Connector Summary

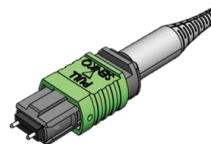
Simplify the structure design

- Cross-connection (point to point)
- Break out



Advantage of LC ferrule over MPO/MT

- Better and stable performance
- Easier to clean end faces

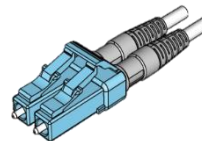


IL: <math><0.35\text{dB}</math>



IL: <math><0.15\text{dB}</math>

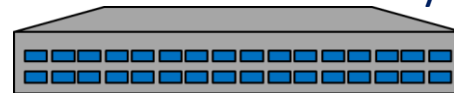
Front Panel Density



Less Airflow



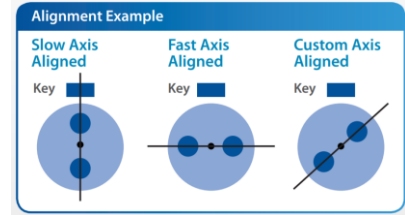
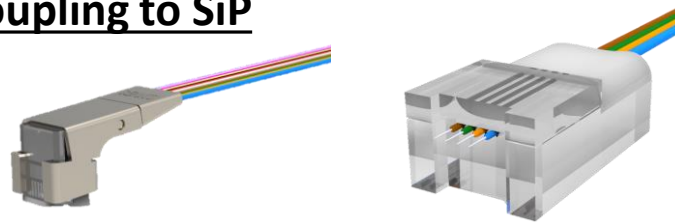
More than 2x density



More Airflow

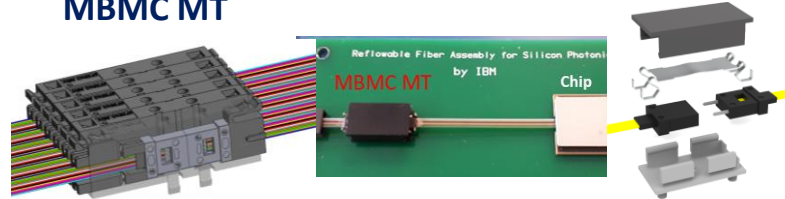
Offering for Inside CPO Equipment

Coupling to SiP



Mid-board connection

MBMC MT

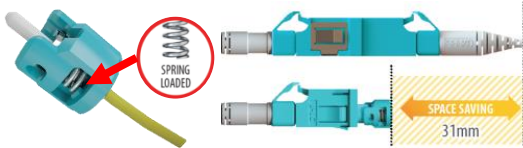


Micro ferrule connector (LC)



Standard LC
Micro Ferrule Connector

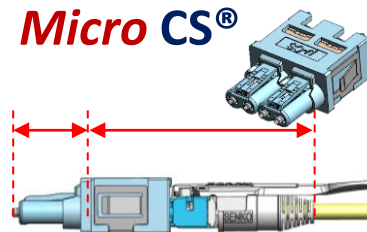
Behind Front panel connection



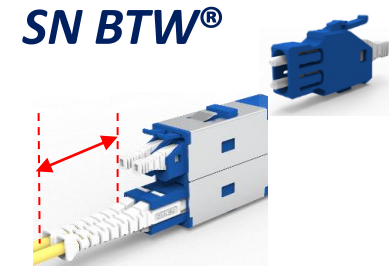
Micro LC Connector



MPO Bayonet



Micro CS®



SN BTW®



Growing Together

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Design - Test - Manufacture