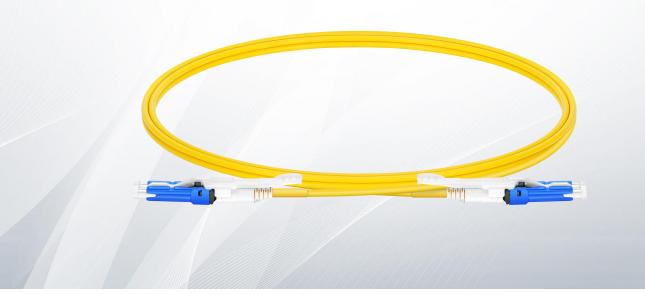


CS™ FIBER PATCH CABLES DATASHEET

REACH HIGHER DENSITY WITH SENKO CS™ CONNECTORS

Designed for next generation 200/400G transceiver QSFP-DD and OSFP, meeting the requirement for CWDM4, FR4, LR4 and SR2.



CS™ Fiber Patch Cables

CS™ fiber path cables are available to interconnect or cross connect fiber networks within structured cabling systems, including data centers using 200/400G QSFP-DD and OSFP transceivers.

The reduced size CS™ connector is capable of delivering low insertion and high return loss comparable to existing LC connectors. In addition to allowing a double density interconnect at the transceiver, it is also well suited to allow more than a doubling of fiber interconnect density within the structured cabling infrastructure space.

Standards Compliance

- · ISO9001, RoHS and WEEE Compliant
- GR-326
- IEC 61300-3-34
- TIA 568

Features

- Designed for next generation 200/400G QSFP-DD & OSFP
- 40% size reduction compared to LC Duplex
- Double the density in patch panel compared to standard LC
- Push/Pull tab for a better usability in high density applications
- Factory terminated and tested for insertion loss, return loss and end face

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Technical Specification

Physical Characteristics	Description
Fiber Count	Duplex
Fiber Mode	OS2 9/125μm
Fiber Glass	Corning Fiber
Fiber Grade	G.657.A1 (Compatible with G.652.D)
Connector Type	Senko CS™ to CS™, CS™ to LC
Polish Type	UPC to UPC
Cable Jacket	PVC (OFNR)
Cable Diameter	2.0mm
Minimum Bend Radius	10mm
Operating Temperature	-10°C to + 70°C
Storage Temperature	-20°C to + 70°C

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Optical Characteristics	Description
Wavelength	1310/1550nm
Attenuation at 1310nm	0.4 dB/km
Attenuation at 1550nm	0.22 dB/km
Insertion Loss	CS™≤0.2dB, LC≤0.2dB
Return Loss	≥50dB
Polarity	A(Tx) to B(Rx)
400G Ethernet Distance	2km with OSFP-400G-2FR4

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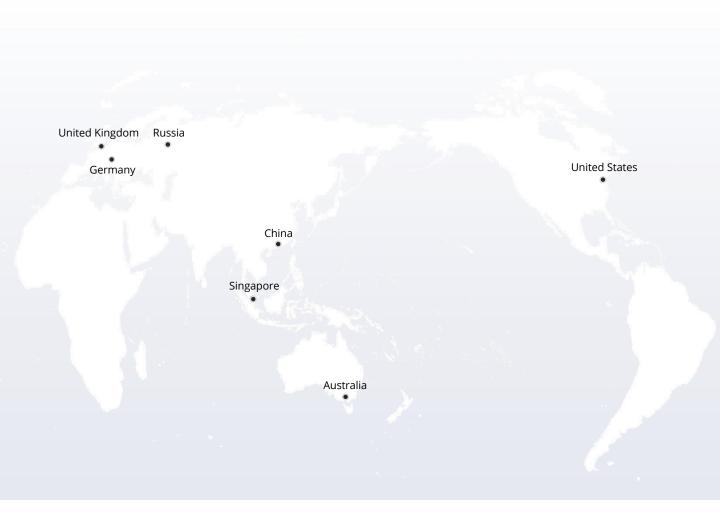


Hot Products

ID	Description
#108741	1m (3ft) CS™ to CS™ UPC Duplex OS2 Single Mode PVC (OFNR) 2.0mm Fiber Optic Patch Cable
#108742	2m (7ft) CS™ to CS™ UPC Duplex OS2 Single Mode PVC (OFNR) 2.0mm Fiber Optic Patch Cable
#108743	3m (10ft) CS™ to CS™ UPC Duplex OS2 Single Mode PVC (OFNR) 2.0mm Fiber Optic Patch Cable
#108744	5m (16ft) CS [™] to CS [™] UPC Duplex OS2 Single Mode PVC (OFNR) 2.0mm Fiber Optic Patch Cable
#108745	10m (33ft) CS™ to CS™ UPC Duplex OS2 Single Mode PVC (OFNR) 2.0mm Fiber Optic Patch Cable
#116820	1m (3ft) CS™ to LC UPC Duplex OS2 Single Mode PVC (OFNR) 2.0mm Fiber Optic Patch Cable
#116821	2m (7ft) CS™ to LC UPC Duplex OS2 Single Mode PVC (OFNR) 2.0mm Fiber Optic Patch Cable
#116822	3m (10ft) CS [™] to LC UPC Duplex OS2 Single Mode PVC (OFNR) 2.0mm Fiber Optic Patch Cable
#116823	5m (16ft) CS [™] to LC UPC Duplex OS2 Single Mode PVC (OFNR) 2.0mm Fiber Optic Patch Cable
#116824	10m (33ft) CS [™] to LC UPC Duplex OS2 Single Mode PVC (OFNR) 2.0mm Fiber Optic Patch Cable

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