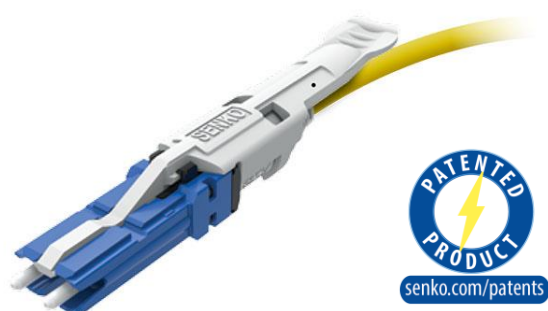


CS Patchcord

Description:

The CS® connector was introduced as a replacement to current duplex LC connectors which are too big for newer generation transceiver interfaces and to increase the connector density in patch panels. The CS® connector is operated with a push-pull mechanism having two cylindrical, spring-loaded 1.25 mm ferrules, within a single housing. The CS® connector's two ferrules are pitched at 3.8 mm apart, which is the minimum possible spacing to meet today's TOSA and ROSA optics requirement. The CS® connector can be used with either 2 mm or 3 mm jacketed cable.

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



Features:

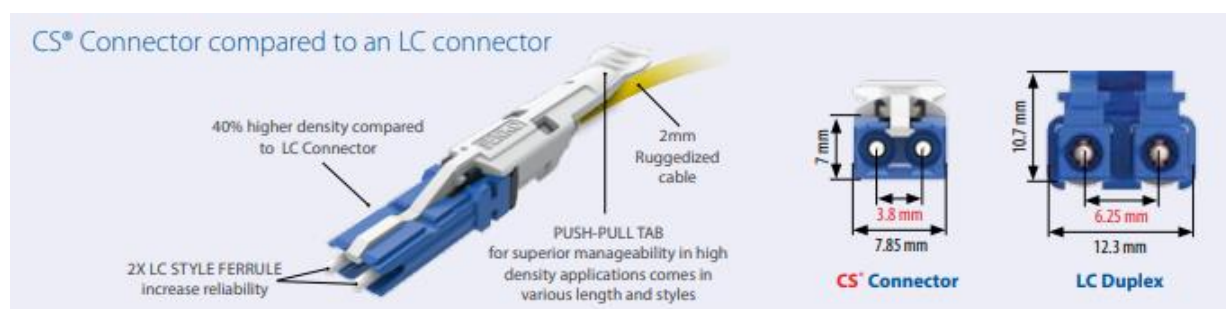
- 40% size reduction compared to LC Duplex
- Connector adopted by QSFP-DD, OSFP and COBO
- Performance exceeds LC
- Push/Pull tab for a better usability in high density applications
- Double the density in patch panel compared to LC
- IEC random mating Grade B

Specifications:

	MM PC	SM Ultra PC Grade B	SM Ultra PC Grade A
Insertion loss (IL) (IEC 61300-3-4)	0.25 dB typ 0.50 dB 97%	0.12 dB typ 0.30 dB 97%	0.06 dB typ 0.15 dB 97%
Return loss (RL ¹) (IEC 61300-3-6)	>35 dB	>55 dB	>55 dB
Housing color	Aqua	Blue	Blue
Boot color	White	White	White
Tab color	White		
Assembly procedure	glue and polish		
Connection	physical contact		
Lock mechanism	push-pull tab		
Standards	IEC/EN		
Ferrule material	full ceramic zirconia 1.25 mm		
Connector material	thermoplastic		
Adapter material	polymer composite, zirconia sleeve		

Application:

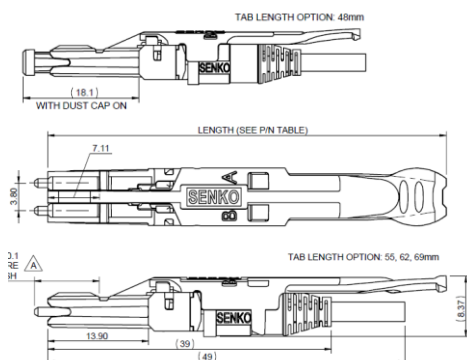
- Next generation Telecom & LAN, WAN



Ordering code:

AAAXX		- XX XXX -	XX	-	XXX
AAA - Connector					XXX - length [m]
Type	Description				
CS	Duplex CS/PC multimode	X - type (pigtail or jumper) JC jumper A-B crossed JS jumper A-A straight PT pigtail tight buffered, strip in one shot < 10 cm PS semitight 20-30 cm in one shot PD pigtail easy strip > 100 cm			
UCS	Duplex CS/UPC, Grade B				
UCS1	Duplex CS/UPC, Grade A				
ULCDF	Duplex LC Uniboot with Flip				
XX	Push-pull tab length				
36	36 mm (09 fiber type)				
55	55 mm (R2, R3 cable type)				
On request: 48, 62, 69 mm					
		XX - diameter of fiber, cable		XXX - type of fiber	
		fiber			

Dimensions:



X - type (pigtail or jumper)

JC	jumper A-B crossed
JS	jumper A-A straight
PT	pigtail tight buffered, strip in one shot < 10 cm
PS	semitight 20-30 cm in one shot
PD	pigtail easy strip > 100 cm

XX - diameter of fiber, cable

fiber

09	fiber Ø 0.9 mm
R2	Ø 2 mm round cable
R3	Ø 3 mm round cable

XXX - type of fiber

OM1	MM 62.5/125 µm
OM2-5	MM 50/125 µm
S2D	SM 9/125 µm (G.652D)
S7X	SM 9/125 µm (G.657X)



JS duplex straight patchcord A-to-A



JC duplex crossed patchcord A-to-B

Adaptors:

Single channel (2F)


A-CS2/PC-01-05-BL w/o flange
A-CS2/PC-01-01-BL with flange

Dual channel (4F)


A-CS4/PC-01-05-BL w/o flange
A-CS4/PC-01-01-BL with flange

Triple channel (6F)


A-CS6/PC-01-05-BL w/o flange
A-CS6/PC-01-01-BL with flange

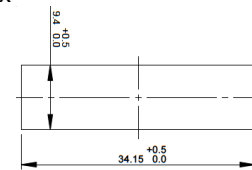
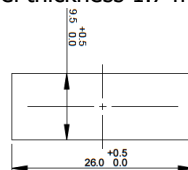
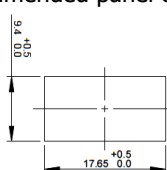
Quad channel (8F)


A-CS8/PC-01-05-BL w/o flange
A-CS8/PC-01-01-BL with flange

Note:

1) adaptor aqua color:AQ

Recommended panel cut-out, panel thickness 1.7 mm max



Patchcord samples:



UCS48-R2 S7A-JC-003



UCS48-ULCDF-R2 S7A-JC-003


Duplex LC Uniboot
with Flip