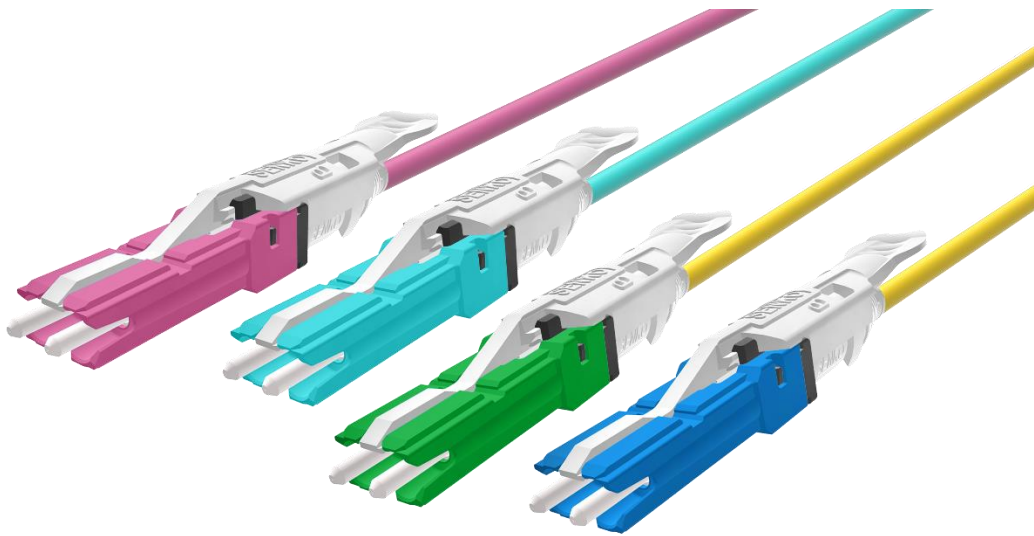


CS[®] PATCH CORD



Browse on Mobile

 Browse on Web

The CS[®] Fiber Optic Patch Cords uniboot design allows one cable to carry two fibers to reduce the cable bulk when routing, plug quickly without tools in high-density space and provide a clearer upgrade path to 200G and 400G operation.

The CS[®] Connector is an evolution in optical connectivity where CS[®] connectors feature a 40% size reduction when compared to LC duplex connectors at the same time delivering increased performance. Working with the QSFP-DD and OSFP, and COBO, standardized by TIA.

FEATURES

- ✓ Conform to IEC, EIA-TIA, and Telcordia performance requirements
- ✓ Support Two CS[®] Cables in One QSFP-DD/OSFP Transceiver
- ✓ All Assemblies are machine polished providing highest quality
- ✓ All Assemblies are factory tested and come with test certificate
- ✓ Available in custom length
- ✓ RoHS, REACH & SvHC compliant, Materials Conflict compliant

APPLICATIONS

- ✓ Telecommunication networks
- ✓ Data centers
- ✓ FTTx
- ✓ Broadband network

SINGLE FERRULE CONNECTOR SPECIFICATION

Parameters	IL – Max	IL – Typical	RL (PC/APC)
SM – Standard	≤ 0.30 dB	≤ 0.20 dB	> 55/65 dB
SM – Premium	≤ 0.15 dB	≤ 0.12 dB	> 55/65 dB
MM – Standard	≤ 0.30 dB	≤ 0.18 dB	> 25 dB
MM – Premium	≤ 0.15 dB	≤ 0.08 dB	> 25 dB
Connector Durability	<0.2dB typical change, 500 mating		
Ferrule Ø	125µm (SM) / 127µm (MM)		

CABLE CHARACTERISTICS

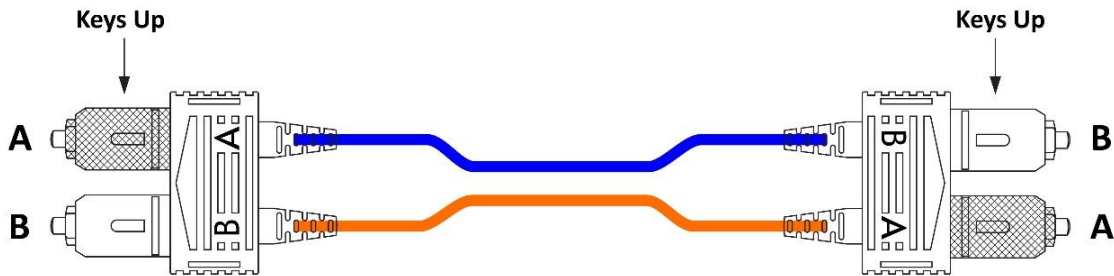
Parameters	Unit	Value	
Outer Diameter	mm	2.0	3.0
Tensile Strength (Long Term)	N	40	60
Tensile Strength (Short Term)	N	80	120
Crush Resistance (Long Term)	N/100mm	100	
Crush Resistance (Short Term)	N/100mm	400	
Min. Bending Radius (Static)	mm	30	50
Min. Bending Radius (Dynamic)	mm	60	100
Storage Temperature	°C	-20 ~ +60	
Operating Temperature	°C	-20 ~ +60	
Cable Weight	Kg/Km	7.6	19.0

ORDER INFORMATION

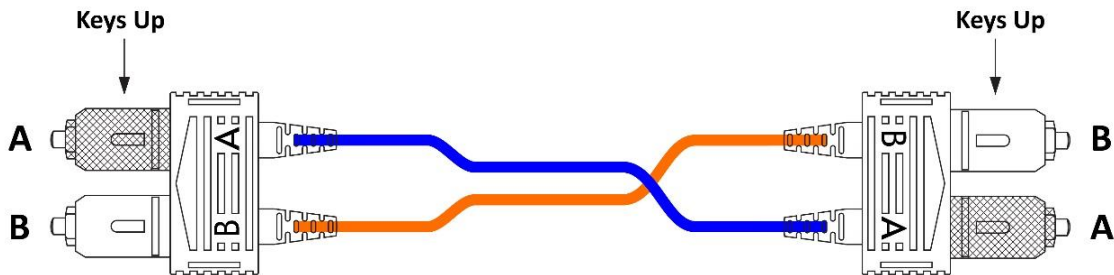
AP	1	2	3	4	5	6	7	8	DIST
----	---	---	---	---	---	---	---	---	------

1	2	CONNECTOR	3	CABLE TYPE	4	FIBER	5	JACKET DIAMETER	6	JACKET COLOR	7	JACKET MATERIAL	8	PERFORMANCE
C1	C1	CS® /UPC	R	ROUND DX	D2	G652D	2	2MM	Y	YELLOW	L	LSZH	S	STANDARD
C2	C2	CS®/APC			A1	G657A1	3	3MM	Q	AQUA	C	PVC	P	PREMIUM
L3	L3	LC UNIBOOT			A2	G657A2			V	ERIKA VIOLET	R	OFNR		
L4	L4	LCA UNIBOOT			O1	OM1			O	ORANGE	P	OFNP		
L5	L5	LC HD SWITCH			O2	OM2			G	LIME GREEN				
L6	L6	LCA HD SWITCH			O3	OM3								
	XX	OPEN END			O4	OM4								
					O5	OM5								

POLARITY SCHEME



CROSSOVER POLARITY 'A' to 'B' (Nexconec Standard)



STRAIGHT-THROUGH POLARITY 'A' to 'A' (On Request)