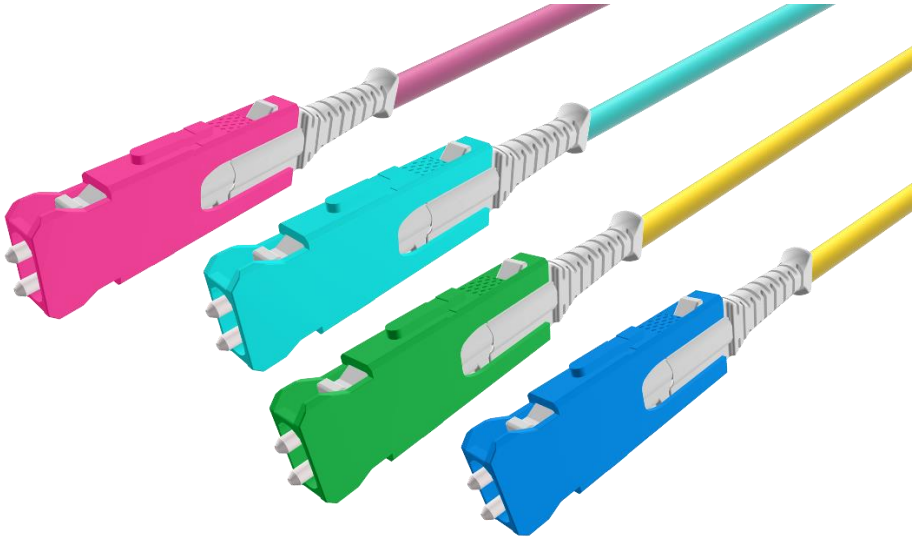
SN® PATCH CORD



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The SN® Fiber Optic Patch Cords is the ultimate designed and optimized for next-generation data rates, the SN® patch cord offers network operators the chance to densify their existing legacy infrastructure whilst at the same time providing an upgrade path to 400G and beyond. It is suitable for termination to either 1.6 mm or 2.0 mm round cable that incorporates a ruggedized jacket and internal strain relief.

The SN® connector has an integrated 'push-pull' boot that simplifies insertion and removal of the connector even in dense patch panels where finger access is limited. A gang-clip can be added to four individual SN® connectors allowing them to be patched simultaneously to either adapters or 4-channel (8 fibers) transceivers (subject to product selection).

FEATURES

- ✓ Meets IEC random mating Grade B
- ✓ Very Small Form Factor (VSFF) connector
- ✓ 3 x fiber cabling density over Duplex LC
- ✓ Unique push-pull boot for simple installation and removal
- ✓ All Assemblies are machine polished providing highest quality
- ✓ All Assemblies are factory tested and come with test certificate
- ✓ Available in custom length
- ✓ Optimized for 400G data rates with QSFP-DD, OSFP and SFP-DD transceivers
- ✓ Combines two 1.25 mm ceramic ferrules
- ✓ Easy identification of the connector alignment key
- ✓ RoHS, REACH & SvHC compliant, Materials Conflict compliant

APPLICATIONS

- ✓ High-density patching
- ✓ QSFP-DD, OSFP and SFP-DD transceiver links for higher data rates
- ✓ Telecommunication networks
- ✓ Data centers
- ✓ FTTx
- ✓ Broadband network

SINGLE FERRULE CONNECTOR SPECIFICATION

	Single mode				Multimode
	UPC		APC		MM
	SM Premium	SM Standard	SM Premium	SM Standard	Premium
Typical Insertion Loss	0.05	0.08	0.07	0.12	0.05
Max. Insertion Loss	0.15	0.20	0.15	0.25	0.15
Typical Return Loss	≥55 dB		≥65 dB		≥25 dB
Ferrule Diameter	125.5 µm				127 µm

CABLE CHARACTERISTICS

Parameters	Unit	Value	
Outer Diameter	mm	1.6	2.0
Tensile Strength (Long Term)	N	20	40
Tensile Strength (Short Term)	N	40	80

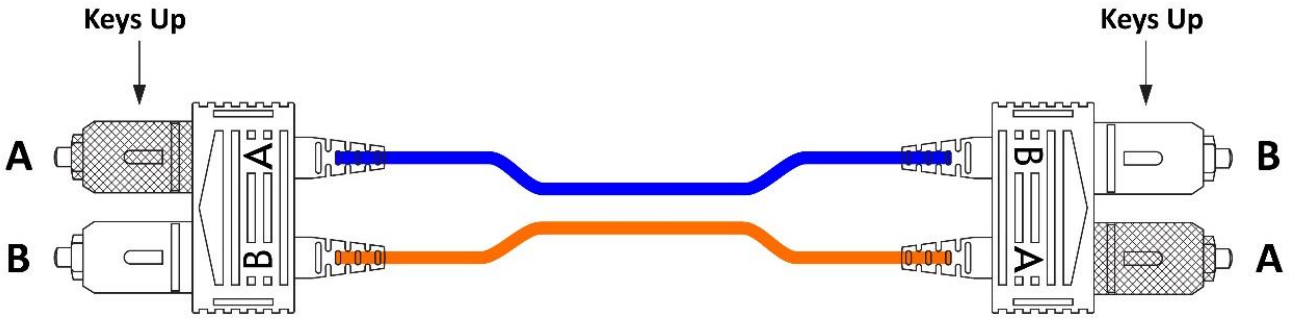
Crush Resistance (Long Term)	N/100mm	100	
Crush Resistance (Short Term)	N/100mm	400	
Min. Bending Radius (Static)	mm	20	30
Min. Bending Radius (Dynamic)	mm	40	60
Storage Temperature	℃	-20 ~ +60	
Operating Temperature	℃	-20 ~ +60	
Cable Weight	Kg/Km	6	7.6

ORDER INFORMATION

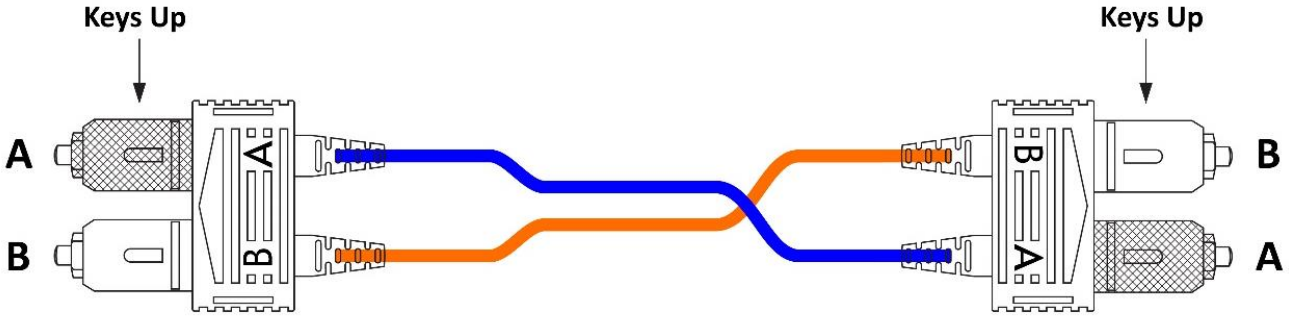
AP	1	2	3	4	5	6	7	8	DIST

1	2	CONNECTOR	3	CABLE TYPE	4	FIBER	5	JACKET DIAMETER	6	JACKET COLOR	7	JACKET MATERIAL	8	PERFORMANCE
N1	N1	SN® /UPC	R	ROUND DX	D2	G652D	1	1.6MM	Y	YELLOW	L	LSZH	S	STANDARD
N2	N2	SN®/APC			A1	G657A1	2	2MM	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								
L6	L6	LCA HD SWITCH			O3	OM3								
	XX	OPEN END			O4	OM4								

POLARITY SCHEME



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



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