

HD UNIBOOT LC



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NEXCONEC[®] LC High Density switchable polarity connector is a totally unique design which can increase panel density to its highest while keeping great accessibility. The flexible push and pull tab allows the connector to engage and disengage easily. The connector has an easy mechanism to switch polarity during installation thereby being cost effective at critical times.

The unique design uses uniboot to accommodate 2mm or 3mm jacketed cables to reduce cable density and making cable management easier in today's highly dense applications.

FEATURES

- ✓ Conform to IEC, EIA-TIA, and Telcordia performance requirements
- ✓ 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		

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

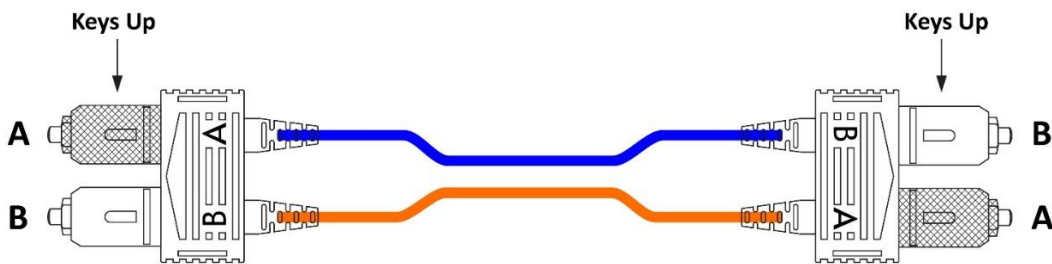
ORDER INFORMATION

AP	1	2	3	4	5	6	7	8	DIST
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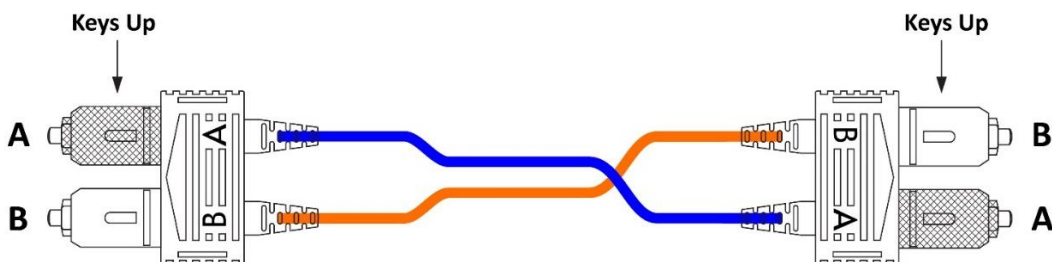
1	2	CONNECTOR	3	CABLE TYPE	4	FIBER	5	JACKET DIAMETER	6	JACKET COLOR	7	JACKET MATERIAL	8	PERFORMANCE
L5	L5	LC HD SWITCH	R	ROUND DX	D2	G652D	2	2MM	Y	YELLOW	L	LSZH	S	STANDARD
L6	L6	LCA HD SWITCH			A1	G657A1	3	3MM	Q	AQUA	C	PVC	P	PREMIUM
					O1	OM1			V	ERIKA VIOLET	R	OFNR		
					O2	OM2			G	LIME GREEN	P	OFNP		
					O3	OM3								
					O4	OM4								
					O5	OM5								

*** Cable jacket is available in different color for 2km MOQ

POLARITY SCHEME



STRAIGHT-THROUGH POLARITY 'A' to 'B' (Nexconec Standard)



CROSSOVER POLARITY 'A' to 'A' (On Request)