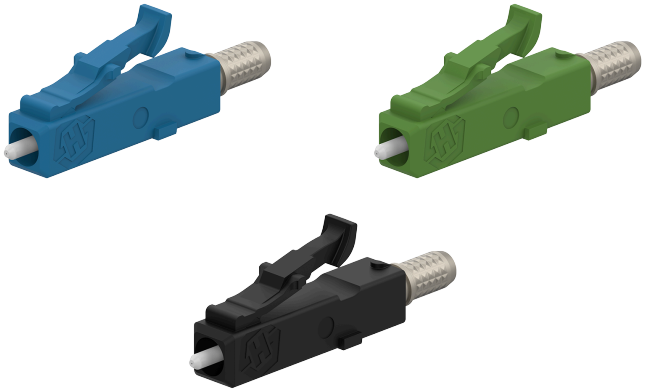
DATA SHEET

Indoor connectors
LC Unibody Connector
FLC-UB-XX-XXXX

Properties

- Best used with Classic, Push-pull or High Density simplex or duplex clip
- High mechanical and thermal resistance
- One-piece design for easy termination
- Blue, Green and Black housing colors
- Tunable connector



General data	
Connector family	LC
Connector type	LC UB
Gender	Plug
Optical interface according to	IEC 61755-3-1/2, (UPC/APC)
Mechanical interface according to	IEC 61754-20, TIA 604-10-A (LC)
Housing material	Plastic
Available variants	Blue, Green, Black housing, Various Ferrules
Weight	0.905 g

Mechanical data		
Compatible cable diameter		0.6mm to 2.7mm
Mating cycles	Standard	IEC 61300-2-2
	Cycles	1000
Tensile strength	Standard	IEC61300-2-4
	Tensile load	100 N
Ferrule	Outer diameter	1.249 mm
	Material	Ceramic
Tuning	Steps	45°

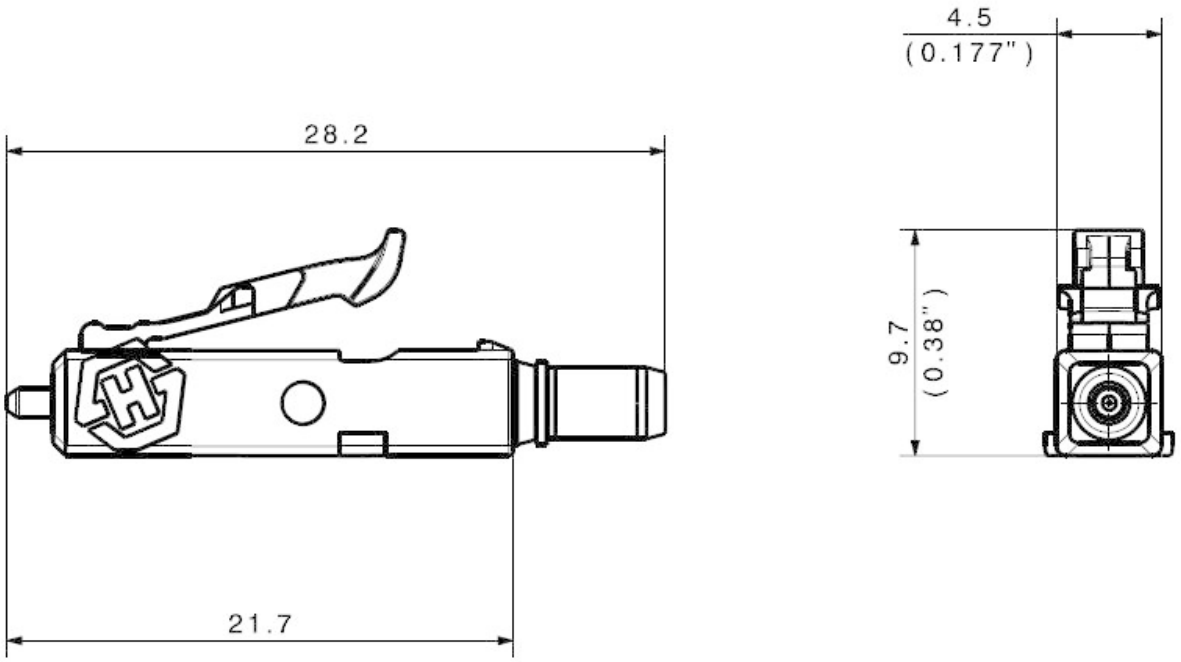
Environmental data		
Temperature	Operation temperature	-40 °C ... 85 °C
UV resistance	Resistance	Yes
Chemical resistance		good
Flammability rating		UL 94 V-0

Indoor connectors

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Technical drawing



Additional Information

Ferrule tolerances:
Standard SM: ΔID=-0/+1.0µm, Conc. 1.0µm
Standard MM: ΔID=-0/+1.0µm, Conc. 4.0µm
Premium SM: ΔID=-0/+0.5µm, Conc. 0.5µm

Ordering Information Table

Item number	Item description	Type
84091832	FLC-Z/K-A007_100-P	Blue housing, ID 125.5µm, Standard SM
84127745	FLC-Z/K-A008_100-P	Black housing ID 125.5µm, Premium MM
84091833	FLC-Z/K-A607_100-P	Green housing, ID 125.5µm, Standard SM
84091834	FLC-Z/K-B007_100-P	Black housing, ID 127.0µm, Standard MM
84095286	FLC-Z/K-H007_100-P	Blue housing, ID 125.5µm, Premium SM
84095287	FLC-Z/K-H607_100-P	Green housing, ID 125.5µm, Premium SM
85264169	FLC-Z/K-H017_100-P	
85264170	FLC-Z/K-H617_100-P	

Indoor connectors

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Accessories: Suitable Clips		
Item number	Item description	Clip Colour
84091877	FLC-CLIP-PP-SIM-BG_100-P	Beige
84091878	FLC-CLIP-PP-SIM-BK_100-P	Black
84091875	FLC-CLIP-PP-SIM-BU_100-P	Blue
84091876	FLC-CLIP-PP-SIM-GN_100-P	Green
84125777	FLC-CLIP-PP-SIM-HV_100-P	Heather violet
84091879	FLC-CLIP-PP-SIM-TQ_100-P	Aqua
84091872	FLC-CLIP-PP-DUP-BG_100-P	Beige
84091873	FLC-CLIP-PP-DUP-BK_100-P	Black
84091870	FLC-CLIP-PP-DUP-BU_100-P	Blue
84091871	FLC-CLIP-PP-DUP-GN_100-P	Green
84125785	FLC-CLIP-PP-DUP-HV_100-P	Heather violet
84091874	FLC-CLIP-PP-DUP-TQ_100-P	Aqua
85006326	FLC-CLIP-HD-SIM-BG_100-P	Beige
85006330	FLC-CLIP-HD-SIM-BK_100-P	Black
85006324	FLC-CLIP-HD-SIM-BU_100-P	Blue
85006325	FLC-CLIP-HD-SIM-GN_100-P	Green
85006329	FLC-CLIP-HD-SIM-HV_100-P	Heather violet
85006328	FLC-CLIP-HD-SIM-TQ_100-P	Aqua
85063911	FLC-CLIP-HD-DUP-BK_100-P	Black
23028172	FLC-CLIP-CLA-SIM-BG_100-P	Beige
23028174	FLC-CLIP-CLA-SIM-BK_100-P	Black
23028176	FLC-CLIP-CLA-SIM-BU_100-P	Blue
23028180	FLC-CLIP-CLA-SIM-GN_100-P	Green
84125773	FLC-CLIP-CLA-SIM-HV_100-P	Heather violet
23034783	FLC-CLIP-CLA-SIM-TQ_100-P	Aqua
23028164	FLC-CLIP-CLA-DUP-BG_100-P	Beige
84027096	FLC-CLIP-CLA-DUP-BK_100-P	Black
23028166	FLC-CLIP-CLA-DUP-BU_100-P	Blue
23028168	FLC-CLIP-CLA-DUP-GN_100-P	Green
84125775	FLC-CLIP-CLA-DUP-HV_100-P	Heather violet
84086257	FLC-CLIP-CLA-DUP-TQ_100-P	Aqua

Accessories: Suitable Crimpsleeves		
Item number	Item description	Nominal cable diameter in mm
85194538	CRIMPSLEEVE_SFF_1.4_DB_1000-P	1.4 mm
84035633	CRIMPSLEEVE_SFF_1.7_DB_1000-P	1.7 mm
84035661	CRIMPSLEEVE_SFF_2.0_DB_1000-P	2 mm
84035636	CRIMPSLEEVE_SFF_2.1_DB_1000-P	2.1 mm
84035654	CRIMPSLEEVE_SFF_2.4_DC_1000-P	2.4 mm
84035662	CRIMPSLEEVE_SFF_2.7_DC_1000-P	2.7 mm
84038483	CRIMPSLEEVE_SFF_1.9_TT_1000-P	1.9 mm

Accessories: Suitable Boots			
Item number	Item description	Range	Colour
84013101	BOOT SFF 2.6-2.8_BK_1000-P	2.6mm to 2.8mm	Black
84042726	BOOT SFF 2.6-2.8_BU_1000-P	2.6mm to 2.8mm	Blue
84042732	BOOT SFF 2.6-2.8_GN_1000-P	2.6mm to 2.8mm	Green
84042730	BOOT SFF 2.6-2.8_RD_1000-P	2.6mm to 2.8mm	Red
84091282	BOOT SFF 2.6-2.8_WH_1000-P	2.6mm to 2.8mm	White
84042728	BOOT SFF 2.6-2.8_YE_1000-P	2.6mm to 2.8mm	Yellow
85015720	BOOT SFF 1.4-2.7 MED_BK 1000-P	1.4mm to 2.7mm	Black

Indoor connectors

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Accessories: Suitable Boots			
85015715	BOOT SFF 1.4-2.7 MED_BU 1000-P	1.4mm to 2.7mm	Blue
85015716	BOOT SFF 1.4-2.7 MED_GN 1000-P	1.4mm to 2.7mm	Green
85015745	BOOT SFF 1.4-2.7 MED_RD 1000-P	1.4mm to 2.7mm	Red
85015747	BOOT SFF 1.4-2.7 MED_WH 1000-P	1.4mm to 2.7mm	White
85015746	BOOT SFF 1.4-2.7 MED_YE 1000-P	1.4mm to 2.7mm	
23026769	BOOT SFF 1.4-2.5_BK_1000-P	1.4mm to 2.5mm	Black
84005359	BOOT SFF 1.4-2.5_BU_1000-P	1.4mm to 2.5mm	Blue
84005356	BOOT SFF 1.4-2.5_GN_1000-P	1.4mm to 2.5mm	Green
84005357	BOOT SFF 1.4-2.5_RD_1000-P	1.4mm to 2.5mm	Red
84089607	BOOT SFF 1.4-2.5_WH_1000-P	1.4mm to 2.5mm	White
84005358	BOOT SFF 1.4-2.5_YE_1000-P	1.4mm to 2.5mm	Yellow
23026770	BOOT SFF 0.9_BK_FLC_1000-P	0.9mm	Black

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