

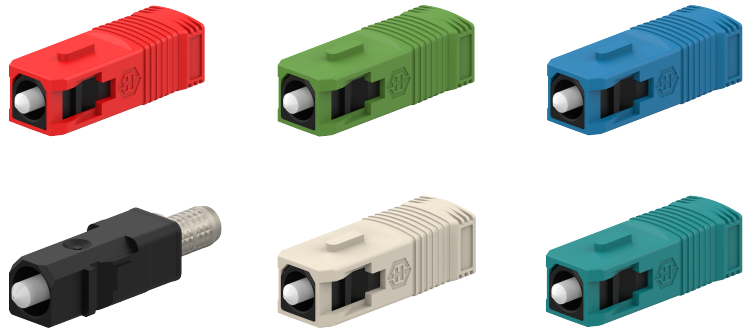
Indoor connectors

SC UniBody connector

FSC-UB-XX-XXXX

Properties

- Pre-assembled for easy and quick termination
- Push-pull connector
- High mechanical and thermal resistance
- Tunable connector



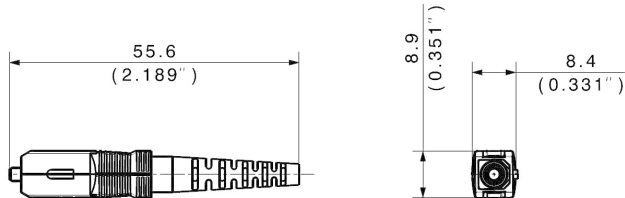
General data	
Connector family	SC
Connector type	SC UniBody connector
Gender	Plug
Optical interface according to	IEC 61755-3-1/2, (UPC/APC)
Mechanical interface according to	IEC 61754-4, TIA 604-3 (SC)
Housing material	Plastic
Available variants	Various Housing colors and ferrules
Weight	2.4 g

Mechanical data		
Compatible cable diameter		0.6mm to 3.5mm
Mating cycles	Standard	IEC 61300-2-2
	Cycles	1000
Tensile strength	Standard	IEC61300-2-4
	Tensile load	100 N
Ferrule	Outer diameter	2.499 mm
Tuning	Steps	45°

Environmental data		
Temperature	Standard	IEC 61300-2-22
	Operation temperature	-40 °C ... 85 °C
UV resistance	Resistance	Yes
Chemical resistance		good
Flammability rating		UL 94 V-0

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Technical drawing



Ordering Information Table

Item number	Item description	Type
84003876	FSC-CMAX-A101_100-P	Blue housing, ID 125.3µm, Standard SM
22650950	FSC-CMAX-A600_100-P	Green Housing, ID 125.3µm, Standard SM
84003879	FSC-CMAX-B101_100-P	Beige housing, ID 127.0µm, Standard MM
22651570	FSC-CMAX-B103_100-P	NO housing, ID 127.0µm, Standard MM
84059511	FSC-CMAX-D101_100-P	Beige Housing, ID 233.0µm, Standard D
84003886	FSC-CMAX-H101_100-P	Blue housing, ID 125.3µm, Premium SM
23026990	FSC-CMAX-H600_100-P	Green housing, ID 125.2µm, Premium SM
84085618	FSC-CMAX-L100_100-P	Turquoise housing, ID 127.0µm, Standard MM
85267396	FSC-UB-BU-US3S	
85267397	FSC-UB-GN-US3S	

Additional Information

Ferrule Tolerances:
 Standard SM: $\Delta ID = -0/+1.0\mu m$, Conc. $1.0\mu m$
 Standard MM: $\Delta ID = -0/+1.0\mu m$, Conc. $4.0\mu m$
 Standard D: $\Delta ID = -0/+7.0\mu m$, Conc. $7.0\mu m$
 Premium SM: $\Delta ID = -0/+0.5\mu m$, Conc. $0.5\mu m$

Accessories: Suitable Crimpsleeves

Item number	Item description	Nominal cable diameter in mm
84035930	CRIMPSLEEVE_BFF_1.7_TT_1000-P	1.7 mm
23016741	CRIMPSLEEVE_BFF_2.0_TT_1000-P	2 mm
84035915	CRIMPSLEEVE_BFF_2.2_TT_1000-P	2.2 mm
84035913	CRIMPSLEEVE_BFF_2.5_TT_1000-P	2.5 mm
84035912	CRIMPSLEEVE_BFF_2.8_TT_1000-P	2.8 mm
84035927	CRIMPSLEEVE_BFF_3.1_TT_1000-P	3.1 mm
84035709	CRIMPSLEEVE_BFF_3.6_TT_1000-P	3.6 mm

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Accessories: Suitable Boots				
Item number	Item description	Range	Length in mm	Colour
84057623	BOOT STD 3.3-3.5 BLACK 100-P	3.3mm to 3.5mm	29 mm	Black
23030670	BOOT STD_1.4-2.2_SHT_BK_1000-P	1.4mm to 2.2mm	22 mm	Black
23026986	BOOT STD_1.4-2.2_SHT_BU_1000-P	1.4mm to 2.2mm	22 mm	Blue
23026987	BOOT STD 1.4-2.2_SHT_GN_1000-P	1.4mm to 2.2mm	22 mm	Green
84089698	BOOT STD_1.4-2.2_SHT_RD_1000-P	1.4mm to 2.2mm	22 mm	Red
84089697	BOOT STD 1.4-2.2_SHT_WH_1000-P	1.4mm to 2.2mm	22 mm	White
23003203	BOOT STD 0.9_SHT_BK_1000-P	0.6mm to 0.9mm	19.8 mm	Black
84005610	BOOT STD 0.9_SHT_BU_1000-P	0.6mm to 0.9mm	19.8 mm	Blue
23017894	BOOT STD 0.9_SHT_GN_1000-P	0.6mm to 0.9mm	19.8 mm	Green
84005612	BOOT STD 0.9_SHT_RD_1000-P	0.6mm to 0.9mm	19.8 mm	Red
85002463	BOOT STD 0.9_SHT_TQ_1000-P	0.6mm to 0.9mm	19.8 mm	Aqua
84132194	BOOT STD 0.9_SHT_WH_1000-P	0.6mm to 0.9mm	19.8 mm	White
84005611	BOOT STD 0.9_SHT_YE_1000-P	0.6mm to 0.9mm	19.8 mm	Yellow
23014820	BOOT BFF 2.7-3.2_BK_1000-P	2.7mm to 3.2mm	36.6 mm	Black
84005355	BOOT BFF 2.7-3.2_BU_1000-P	2.7mm to 3.2mm	36.6 mm	Blue
84005353	BOOT BFF 2.7-3.2_GN_1000-P	2.7mm to 3.2mm	36.6 mm	Green
23022846	BOOT BFF 2.7-3.2_RD_1000-P	2.7mm to 3.2mm	36.6 mm	Red
84072441	BOOT BFF 2.7-3.2_WH_1000-P	2.7mm to 3.2mm	36.6 mm	White
84005354	BOOT BFF 2.7-3.2_YE_1000-P	2.7mm to 3.2mm	36.6 mm	Yellow
84005334	BOOT BFF 1.4-2.6_BK_1000-P	1.4mm to 2.6mm	36.6 mm	Black
84005390	BOOT BFF 1.4-2.6_BU_1000-P	1.4mm to 2.6mm	36.6 mm	Blue
84005336	BOOT BFF 1.4-2.6_GN_1000-P	1.4mm to 2.6mm	36.6 mm	Green
84005337	BOOT BFF 1.4-2.6_RD_1000-P	1.4mm to 2.6mm	36.6 mm	Red
84072437	BOOT BFF 1.4-2.6_WH_1000-P	1.4mm to 2.6mm	36.6 mm	White
84005341	BOOT BFF 1.4-2.6_YE_1000-P	1.4mm to 2.6mm	36.6 mm	Yellow
85286919	BOOT BFF 1.4-2.6_GY_1000-P	1.4mm to 2.6mm	36.6 mm	

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DOCUMENT PIM-P55868 / Date of publication: 17.06.2026 / uncontrolled copy