

Connectors ► Singlemode Class B Connectors ► LSH Class B Connector



Adapter simplex with
screw mounting clip



Adapter simplex with
quick mounting clip



Adapter compact with
integrated fixing springs



Adapter compact with
2-hole flange

General Information

The LSH Class B connector from FOC® meets the optical performance as well as safety standards. It is among the most widely used optical connector systems in the world. Due to their compact design and good mechanical properties they achieve very good optical measurement values (IEC 61755-1 Grade B).

Material

- Connector: plastic
- Adapter: plastic housing respectively metalplastic housing with split and floating zirconia alligment sleeve
- Ferrule: zirconia
- Dust Cap: laser proofed

Standards

- LSH: CECC 86 275, IEC 61754-15
- LSH-HRL: CECC 86 275, IEC 61754-15

Connector Types

- LSH Class B simplex

Adapter Types

- LSH Class B simplex
- LSH Class B compact
- Standard delivery: screw mounting
- Optional delivery: quick mounting

Colour Coding

- LSH Class B: blue
- LSH-HRL Class B: green

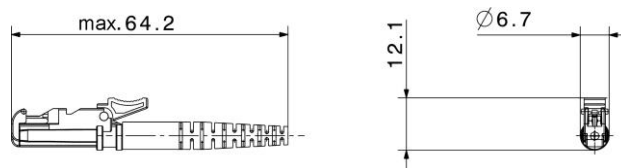
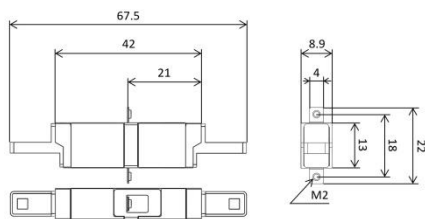
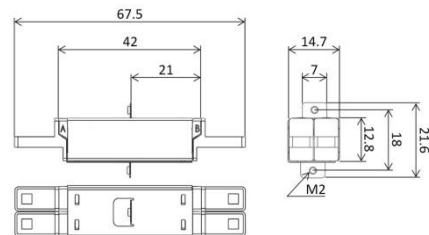
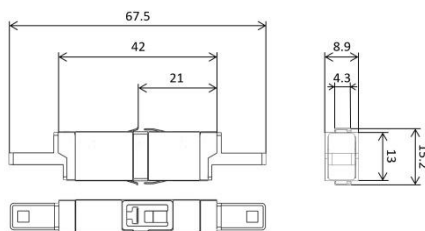
Applications

- Telecommunication, CATV, MAN, WAN, measuring systems
- Industry, medical engineering, sensor technology

Connector Specifications

Standard	Singlemode PC	Singlemode APC	Unit	Test conditions
Insertion Loss (IL)	typ: 0,12 ¹ max: 0,25 ¹	typ: 0,12 ¹ max: 0,25 ¹	dB	IEC 61300-3-34
Return Loss (RL)	typ: 50 ² min: 45 ²	typ: 70 ³ min: 65 ³	dB	IEC 61300-3-6
Repeatability (IL)	max: ± 0,1	max: ± 0,1	dB	
Durability	1000 matings			
Operating temperature range	- 40 to + 85		°C	depends from used type of cable

¹ IEC 61755-1 Grade B ² IEC 61755-1 Grade 2 ³ IEC 61755-1 Grade 1

Dimensions
Connector simplex

Adapter simplex with screw mounting clip

Adapter compact with 2-hole flange

Adapter simplex with quick mounting clip

Adapter compact with integrated fixing springs
