

NEW



FO-EX Series

CONNECTOR

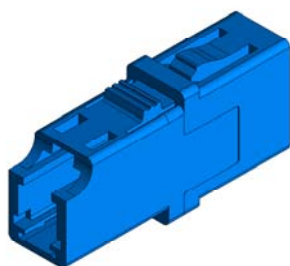
MB-0151-4

April 2007

LC Type Connector

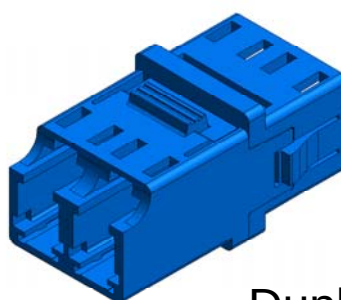
RoHS Compliant

FO-EX-LCAD*



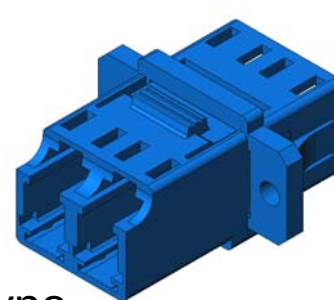
Simplex type

FO-EX-2LCBD*



Duplex type

FO-EX-2LCBF*

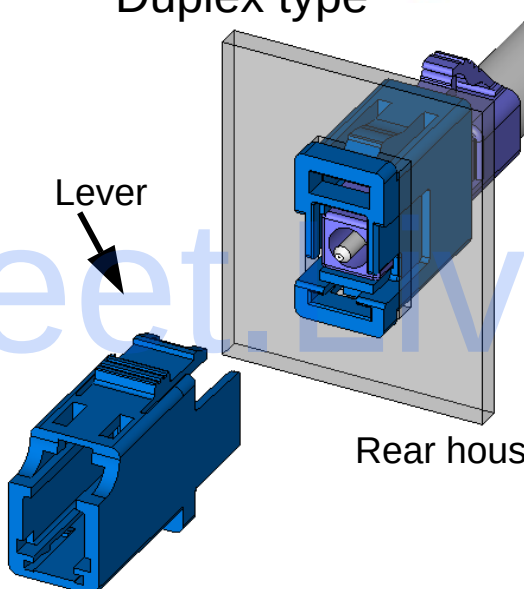


<<Outline>>

By making the LC type adapter separable, the end surface of the ferrule which is fixed to the inner side of the case (panel side) can be easily cleaned without opening the panel and detaching the plug from the adapter.

Can be used for various applications such as telecommunication devices like router, switch and optical networking devices etc.

Lever



Rear housing

Front housing

Features

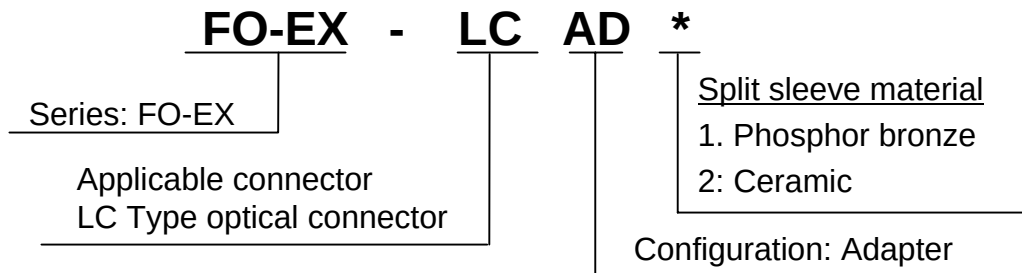
- Simplex type attaches to panel cut-out as LC type simplex adapter (IEC 61754-20 standard product)
- Duplex type (2pos.) attaches to panel cut-out as SC type simplex adapter (IEC 60874-14 standard product). Available with and without flange.
- Optical and environmental performance equivalent to LC type adapter. (compatible to Telcordia GR-326-CORE)
- Easy, one hand separation of front and rear housing is possible by holding top and bottom of the front housing. (lever lock method).

General Specifications

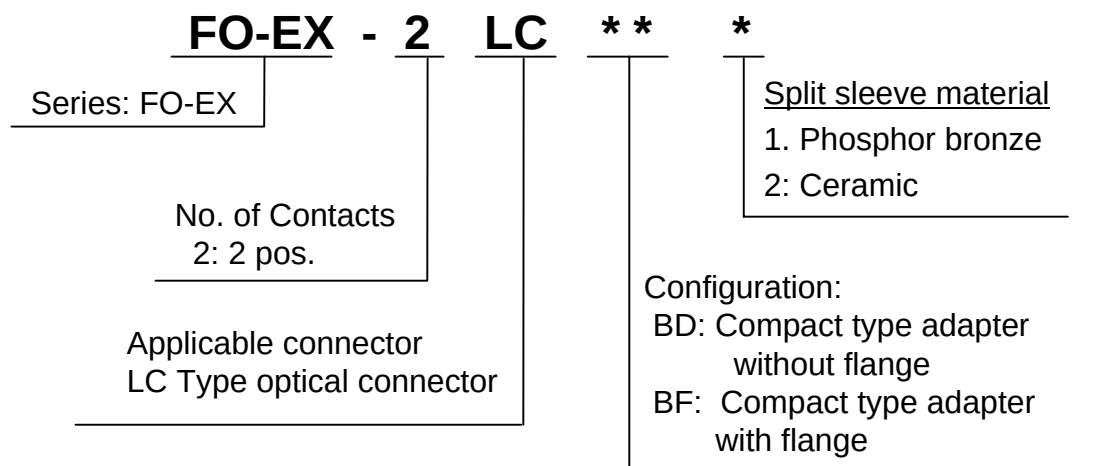
- Insertion loss: 0.4dB max. (when master plug is mated)
- Operating temperature: -40 to +85 Deg. C
- Repeated mating: 500 mating cycle
- * Measuring procedure compliant to IEC 61300

Ordering Information

[Simplex type]



[Duplex type]



Technical Information

[Simplex type]

Part Number	SJ Drawing	Specifications
FO-EX-LCAD1	SJ106878	JACS-70039
FO-EX-LCAD2	SJ106209	JACS-70031

[Duplex type]

Part Number	SJ Drawing	Specifications
FO-EX-2LCBD1	SJ106930	JACS-70042
FO-EX-2LCBD2		
FO-EX-2LCBF1	SJ107489	
FO-EX-2LCBF2		

Materials and Finishes

[Simplex type]

Part number: FO-EX-LCAD1

Components	Materials/ Finishes
Front housing	Glass filled PBT
Rear housing	Glass filled PBT
Sleeve holder	Glass filled PBT
Split sleeve	Phosphor bronze
Dust cap	PP

Part number: FO-EX-LCAD2

Components	Materials/ Finishes
Front housing	Glass filled PBT
Rear housing	Glass filled PBT
Sleeve holder	Glass filled PBT
Split sleeve	Ceramic
Dust cap	PP

[Duplex type]

Part number: FO-EX-2LCBD1, FO-EX-2LCBF1

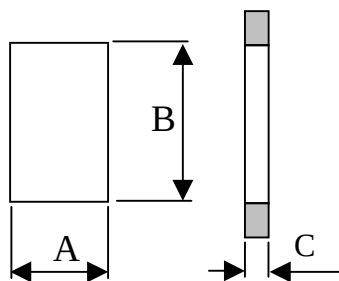
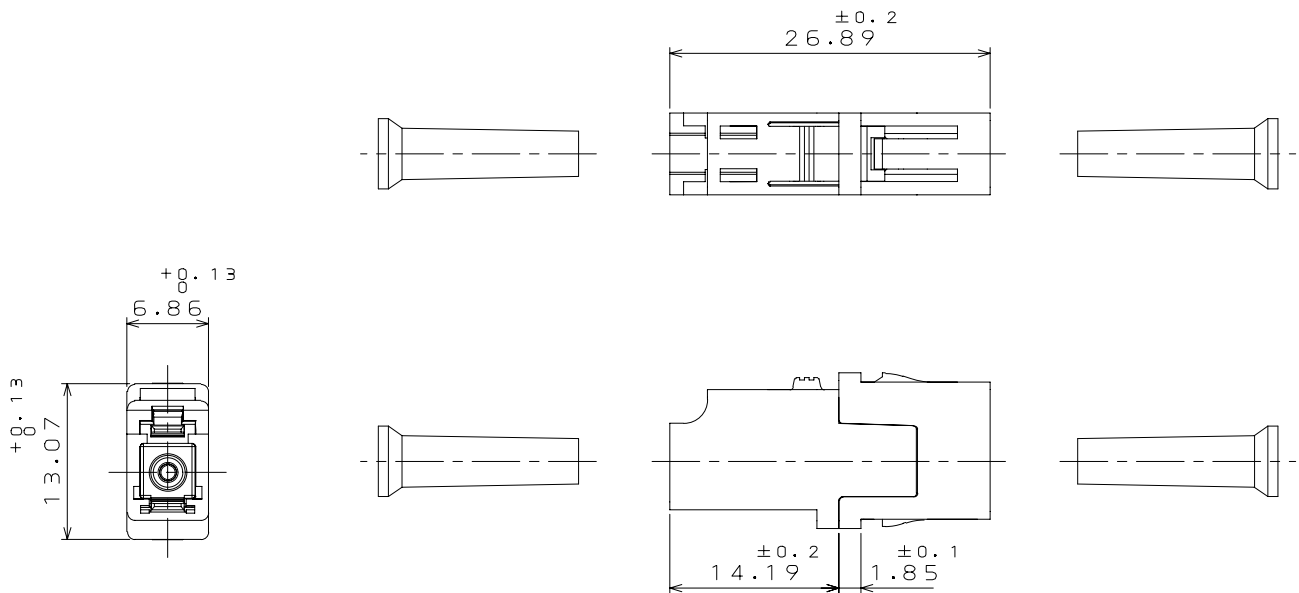
Components	Materials/ Finishes
Front housing	Glass filled PBT
Rear housing	Glass filled PBT
Sleeve holder	Glass filled PBT
Split sleeve	Phosphor bronze
Dust cap	PP

Part number: FO-EX-2LCBD2, FO-EX-2LCBF2

Components	Materials/ Finishes
Front housing	Glass filled PBT
Rear housing	Glass filled PBT
Sleeve holder	Glass filled PBT
Split sleeve	Ceramic
Dust cap	PP

Outer Dimensions

[Simplex type]



Dimension of panel cut out
(for reference)

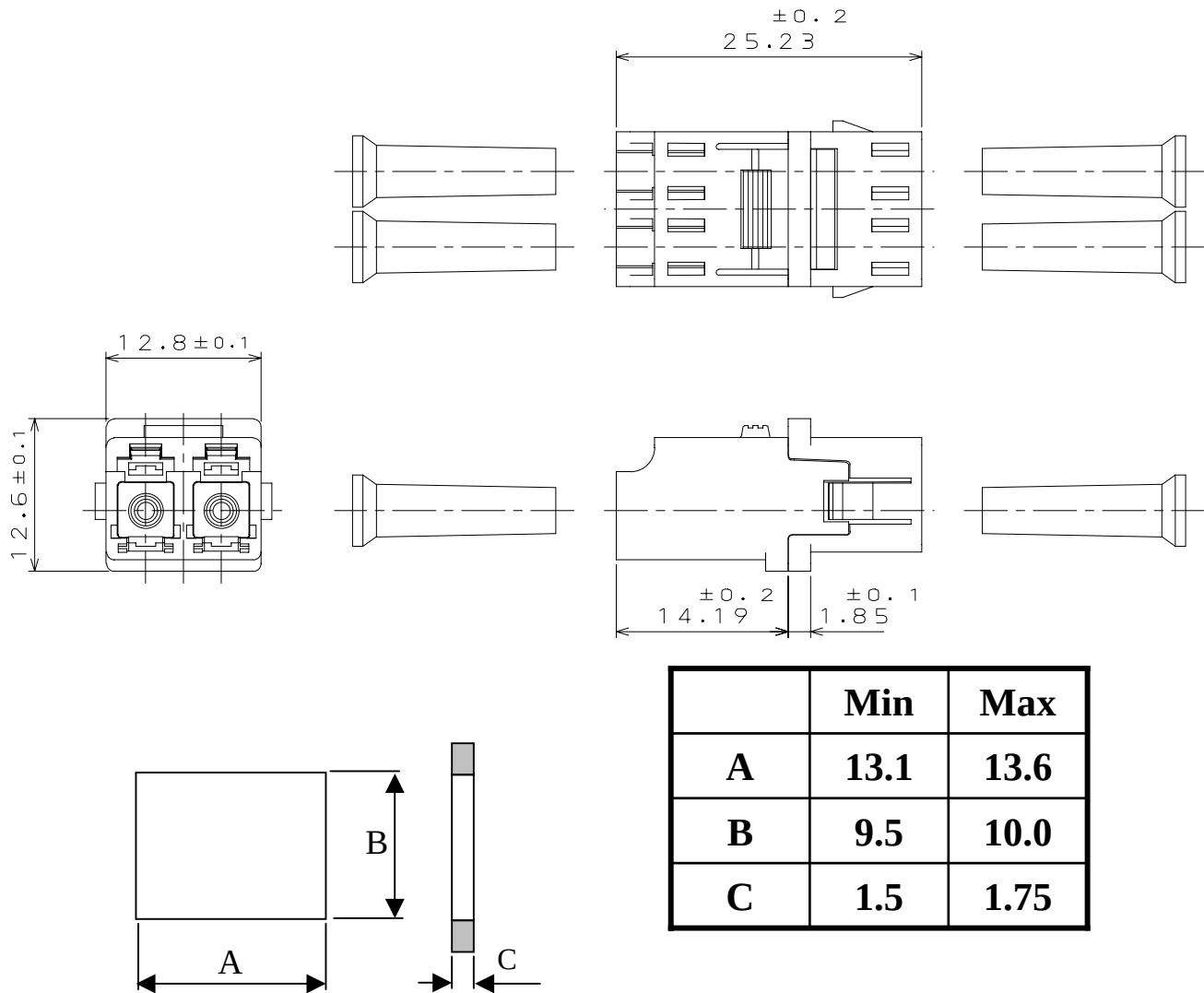
	Min	Max
A	7.1	7.2
B	11.7	11.8
C	1.55	1.75

■ Please contact us when considering using panel thickness not in above.

Outer Dimensions

[Duplex type]

Without flange type: FO-EX-2LCBD*



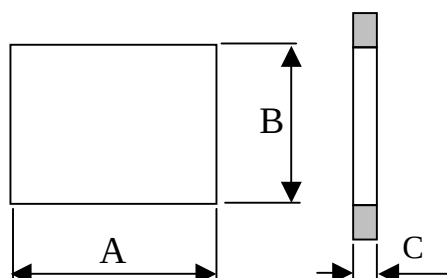
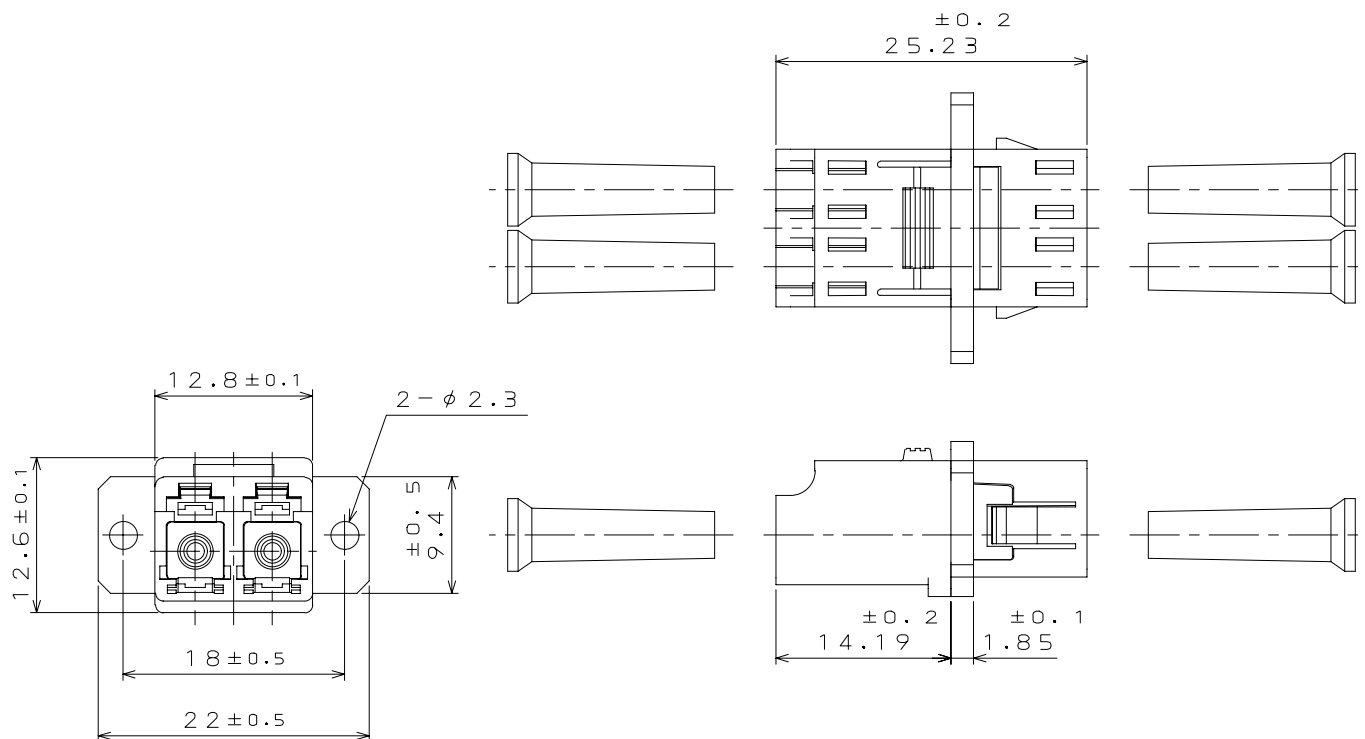
Dimension of panel cut out
(for reference)

■ Please contact us when considering using panel thickness not in above.

Outer Dimensions

[Duplex type]

With flange type: FO-EX-2LCBF*



Dimension of panel cut out

(for reference)

	Min	Max
A	13.1	13.6
B	9.5	10.0
C	1.5	1.75

■ Please contact us when considering using panel thickness not in above.

-Caution-

Please contact our sales window if Electrical Appliance and Material Safety Law on-specification products are desired.

Japan Aviation Electronics Industry, Limited

Product Marketing Division
Aobadai Building, 3-1-19, Aobadai, Meguro-ku, Tokyo 153-8539
Phone: +81-3-3780-2787 FAX: +81-3-3780-2946

Notice: Products shown in this leaflet are made for the applications listed below. However, if the above-mentioned products are to be used in aerospace devices, marine cable-connection devices, atomic power control systems, medical equipment for life-support systems, or any other specific application requiring extremely high reliability, please contact JAE for further information.

Recommended applications: Computers, Office machines, Measuring devices, Telecommunication devices (Terminals, Mobile devices), AV devices, Household applications, FA devices, etc.