



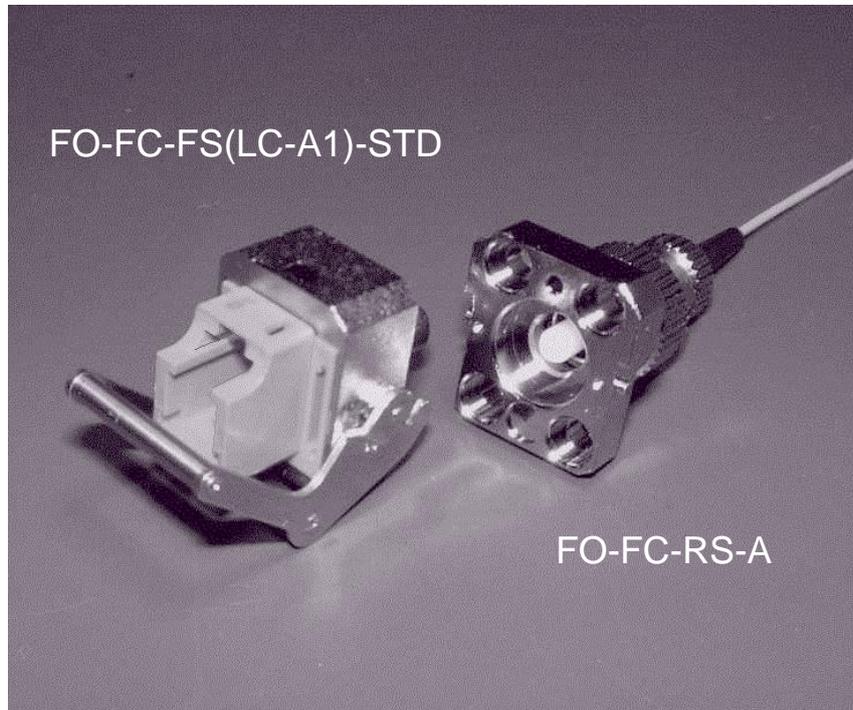
# Cleanable Adapter

## LC Front Shell

CONNECTOR

MB-0110-2

July 2006

**RoHS Compliant**

This product, from the Cleanable Adapter Series that is already on the market, enables direct optical connection between an FC connector mounted on the rear shell installed in the equipment side and an LC plug with a different ferrule diameter (FC connector:  $\phi 2.5$ , LC plug:  $\phi 1.25$ )

Low insertion loss and high durability are ensured by using a precise zirconia ceramic split sleeve insert.

An LC type optical connector with a 1.25mm ferrule diameter can be connected by mounting this product to the regular cleanable adapter rear shell. Also, two key directions, vertical and horizontal, are prepared for appropriate to the bay of rear-side connector.

### General Specifications

- \* Insertion loss\*: 0.5dB or less
- \* Repeat mating: 500 times

Measuring procedure conforms to IEC 61300

- \* Insertion loss includes the loss of a pair of master plugs, which are mated to the adapters.  
Master plugs are PC-polished FC single-mode fiber and PC-polished LC with single mode fiber.

Ordering Information

FO-FC-FS – (LC - A\*)-STD

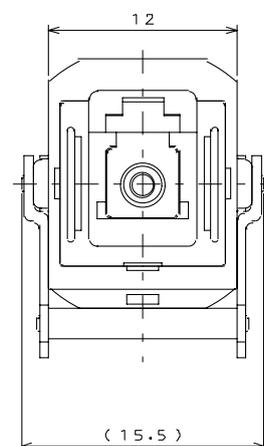
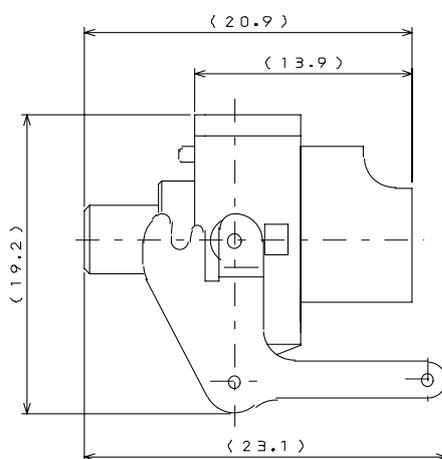
Key direction (A1: vertical A2: horizontal)

LC front shell-specific

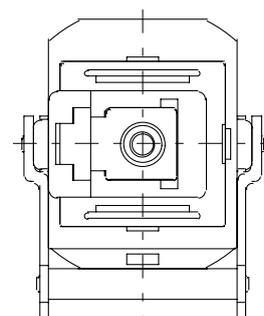
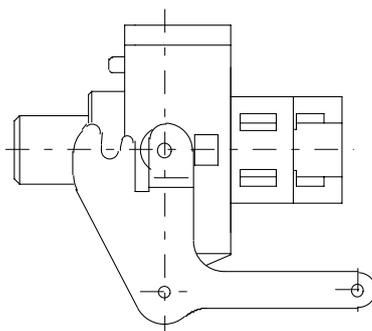
Cleanable adapter front shell (for FC rear shell)

Dimensions

FO-FC-FS-(LC - A1)-STD



FO-FC-FS -(LC - A2)-STD



\*A LC front shell works as a LC-FC adapter with a mated rear shell.

Rear shell type: FO-FC-RS-A

**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.

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\* The specifications in this brochure are subject to change without notice. Please contact JAE for information.