

1x2 Solid-State Fiber Optic Switch

The FS Series switch connects optical channels by redirecting an incoming optical signal into a selected output fiber. This is achieved using non-mechanical proprietary configurations and activated via an electrical control signal. Latching operation preserves the selected optical path after the drive signal has been removed.

- Ultra-High Reliability & Repeatability
- Latching, Bidirectional Operation and Fast Switching Speed
- Ideal for Building Test and Measurement Setups

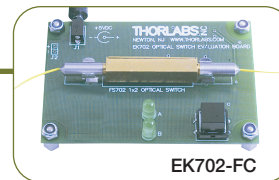
The FS702 is available in a convenient evaluation kit, which includes all necessary drive circuitry to actuate the fiber switch. Fully compatible with our LDS1 power supplies, the EK702-FC also includes FC/PC connectors on all three optical fibers.



FAST <0.2ms

Specifications

- **Operating Wavelength:** 1520-1610nm
- **Insertion Loss:** <1dB
- **Crosstalk:** -50dB
- **Polarization Dependent Loss:** ≤0.2dB
- **Polarization Mode Dispersion:** 0.1ps Typical
- **Return Loss:** ≥55dB Typical
- **Switching Speed:** <200μs
- **Drive Voltage:** 5V
- **Operating Temperature:**
EK702-FC: 10 to 40°C
FS702: -5 to 70°C

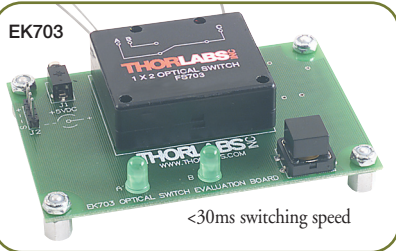


ITEM#	\$	£	€	RMB	DESCRIPTION
FS702	\$ 1,640.00	£ 1,033.20	€ 1,525.20	¥ 15,662.00	1x2 Solid State Fiber Optic Switch
EK702-FC	\$ 1,780.00	£ 1,121.40	€ 1,655.40	¥ 16,999.00	1x2 Bidirectional High-Speed Switch Kit, FC/PC Connectors
LDS1	\$ 81.40	£ 51.30	€ 75.70	¥ 777.40	5VDC Regulated Power Supply

1) Evaluation Kit, Power Supply sold separately

2) Switch only

EK703



<30ms switching speed

1x2 Bidirectional Optical Switch Modules

The EK703-FC evaluation kit contains a 1x2 bidirectional optical switch module and all of the necessary electronics to drive the switch. This MEMS type switch comes complete with FC/PC terminations.

- High Reliability due to MEMS Technology
- Switching Speed (<30ms)
- Excellent Repeatability (0.01dB Max.)

ITEM#	\$	£	€	RMB	DESCRIPTION
EK703-FC	\$ 575.00	£ 362.30	€ 534.80	¥ 5,491.30	1x2 Bidirectional Switch Kit, FC/PC Connectors

TOOLS OF THE TRADE

Polarization Measurement Platform

The PAX5710 consists of a TXP compatible card and an external polarization measurement sensor. The PAN5710 external measurement sensor facilitates polarization analysis in free-space setups. It can be easily mounted to optical benches and is also compatible with our extensive line of 30mm cage system components. All sensors are supplied with a fiber collimator for FC/PC optical cables to allow polarization measurements on fiber based systems, or you may choose to use the PAX5720, which is dedicated to fiber based measurements.



PAX5710VIS-T
(Cables and Computer Included)

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