



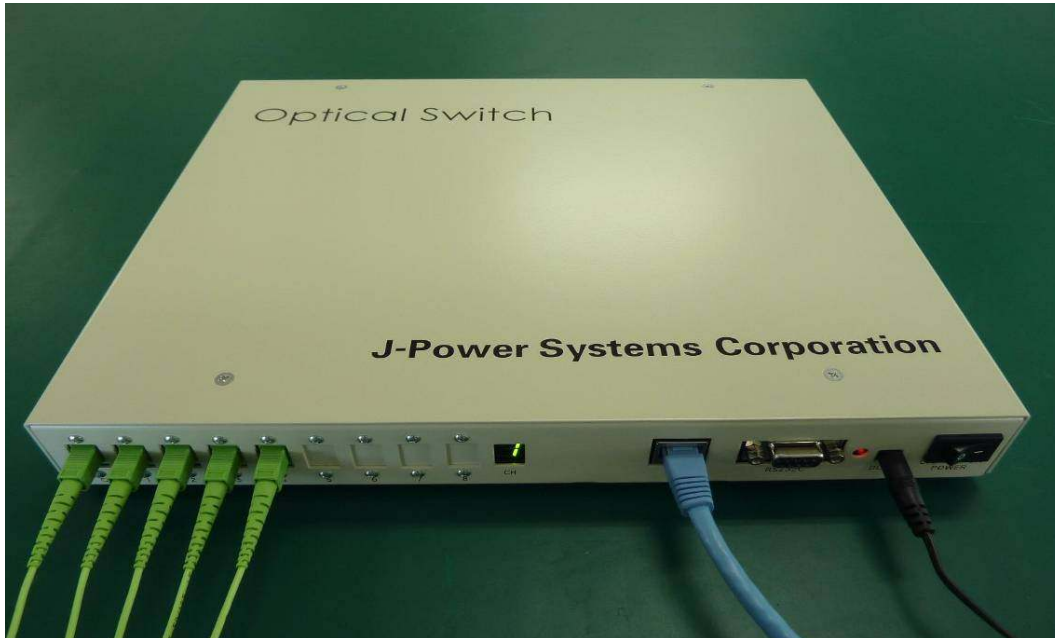
Optical Switch

(JOFS-X)

Operation Manual



The J-Power Systems' optical switch is designed for use with the OPTHERMO Distributed Temperature Sensing (DTS) System. The optical switch allows users to switch signals from one circuit to another.



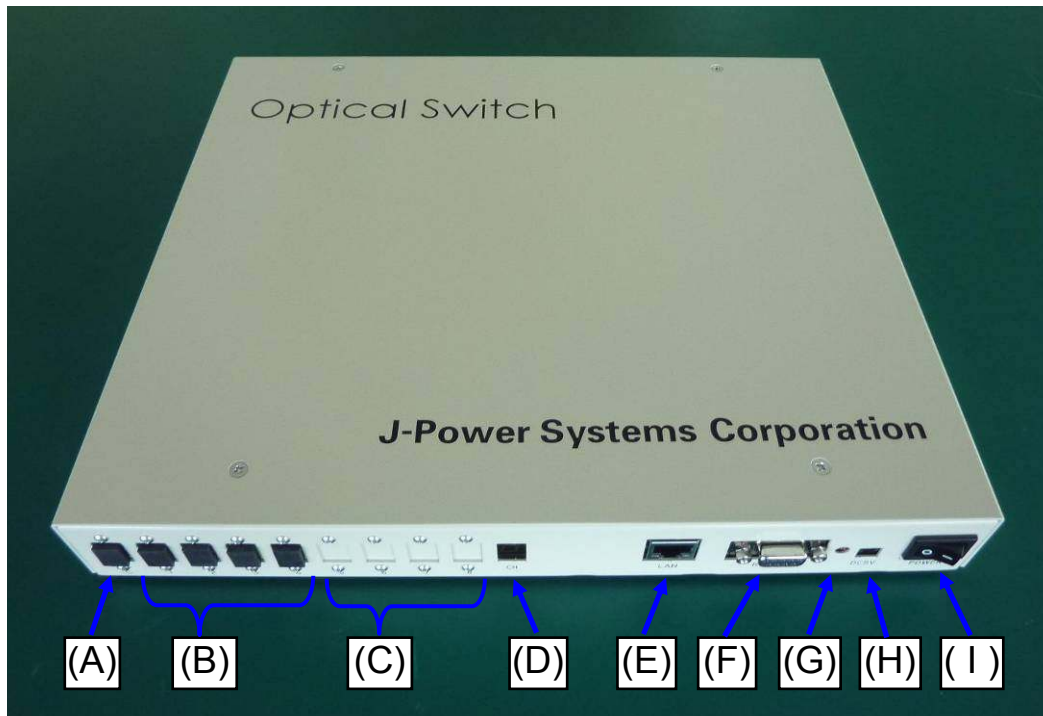
Included Accessories:

AC Adapter

LAN Cable



Front Panel



- A. Input
 - a. Optical Fiber Type: GI 50/125 multimode
 - b. Optical Connector type: SC/APC
 - c. Note: Be sure to clean fiber end face before inserting into input
- B. Output
 - a. Optical Fiber Type: GI 50/125 multimode
 - b. Optical Connector Type: SC/APC
 - c. Note: Be sure to clean fiber end face before inserting into output
- C. Spare Output
- D. 8 Segment LED
 - a. This 8 segment LED displays the selected channel number
- E. LAN Interface
 - a. Communication Method: TCP/IP
 - b. Speed of Line: 10Base-T, 100Base-TX Automatic Switch
 - c. Type of Connection: Connect directly to PC or through switching hub
- F. RS232 Interface (Optional)
- G. Power LED Lamp
 - a. Light will be on to indicate that the power is on
- H. Power Supply Terminal
- I. Power Switch

Operation

The J-Power Systems Optical Switch can be controlled by OPTHERMO software through a LAN connection or RS232 Connection.

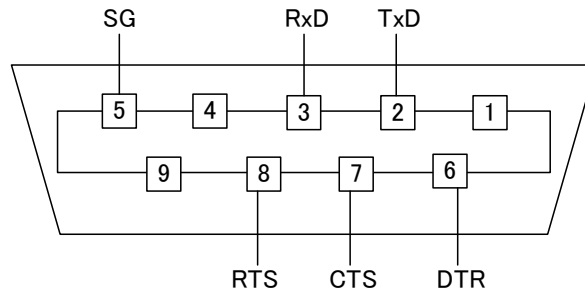
1. LAN Connection: TCP/IP connection requires using crossover LAN cable for a direct connection and straight LAN cable when connecting through a HUB. LAN default values are shown below:

LAN Default Values

No.	Items	Values
1	IP address	10.10.10.100
2	Port Number	12222
3	Subnet Mask	255.255.255.0
4	Gateway IP Address	0.0.0.0

2. RS232 Connection: RS232 connection requires RS-232C Male-Female straight cable. RS232 default values are shown below:

RS232 Pin Assignment



RS232 Default Values

No.	Items	Values
1	Communication speed	1200bps
2	Data length	8bit
3	Parity	None
4	Start bit	1bit
5	Stop bit	1bit

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