

FC632 Optical Fiber -Optical Transceiver Product Specification

1 Product characteristics

- FC632 is a single mode single core optical transceiver.
- One network interface, one optical fiber interface, and one optical fiber-optical interface are SC connectors.
- DC 5V power supply, the longest transmission distance can reach 20Km.
- Monomode optical fibers are 8.3/125, 8.7/125, 9/125 or 10/125 um.
- 10/100M/1000Mbps full-duplex/half-duplex automatic negotiation.
- Built-in high-efficiency switching core, suppress broadcast storm, achieve flow control, CRC error checking.
- Support SPANNING TREE to construct fault-tolerant network.
- Compliance: IEEE802.3Z/AB 1000Base-T/SX/LX standard.
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- Network Cable 10/100/1000Base-TX UTP 5E, 6 categories.
- Meets the EU RoHS standard.
- Pass 3C, CE, FCC certification.

2 Product sketch



3 Indicator status description

Indicator light	function	State	Work situation
PWR	Power Indicator Lamp	Light	Power
		NOT SHINY	No power
FDX	Light Port Link Status Indicator	Light	Connect
		NOT SHINY	No connect
FX/ACT	Light Port Link Status Indicator	Light	Connect
		Flash	Data flow
		NOT SHINY	No connect
TP/ACT	Light Port Link Status Indicator	Light	Connect
		Flash	Data flow
		NOT SHINY	Not connected
1000M	Network Port Signal Indicator	Light	1000M signal
100M	Network Port Signal Indicator	Light	100M signal

4 parameter

Product parameters	
Type	Single mode single core
Power output	DC5V
Network rate	10/100/1000Mbps self-adaption
Optical Fiber Transmission Rate	1000Mbps
Optical fiber interface	SC interface
Electrical interface	RJ45
transmission distance	20km
Size	140×110×30mm(Length, width and height)
ambient temperature	0~50°C
Storage temperature	-20~70°C

5 Optical Fiber Wire and SC Joint Diagram

