

## Silvertech Gigabit Optical Fiber Transceiver

SC-880G2-20-2

### Features

- MTBF: 50,000 hours
- Surface Mount Technology
- LED indicators in the front panel for easy error diagnose
- Offer single RJ-45port MDI/ MDIX auto-crossover
- Support full duplex and half duplex
- TP-port rate 10M/ 100M or 10M/ 100M/ 1000Mbps auto-negotiation
- Comply with IEEE 802.3 10BaseT, 802.3u 100Base TX, 802.3u 100, 1000BaseFX



### Specifications

Model	SC-880G2-20-2
Product Description	1 optical port + 2 electrical port photoelectric converter
Port Description	1 Gigabit SC fiber interface + 2 Gigabit RJ45 network interfaces
Dimension	102(L) * 70(W) * 25(H)
Lightning Protection Level	Three-level lightning protection
Fiber Type	Single mode single fiber / single mode dual fiber (optional)
Fiber Optic Interface	SC interface (square card connection)
Emission Wavelength	1310nm
Receive Wavelength	1550nm
Transmit Power	-8dBm ~ -3dBm
Receive Sensitivity	<-35dBm
Light Saturation	-3dB
Optical Loss	0.4dBm/km
Optical Fiber Transmission Distance	Single-mode transmission 20 kilometers, multi-mode transmission 500 meters (with 3/20 kilometers optional)
Duplex Mode	Full duplex / half duplex
Network Interface	RJ45 (automatically adapt to 10Mbps / 100Mbps / 1000Mbps environment)
Ethernet Frame	IEEE 802.3, IEEE 802.3u, IEEE 802.3X
Internet Broadband	1000Mbps (actual operation up to 700-800Mbps)
Operating Temperature	-40 ~ 85 °C
Humidity	0 ~ 95% (no condensation)
Operating Voltage	AC90-260V
Power Adapter	External power supply
Power Supply	Input AC220V, output DC5V 1A)
Weight	0.4KG
Rate	10M / 100M / 1000M, full-duplex, half-duplex fully adaptive
MTBF	≥100,000 hours