

## MINI Industrial Grade 10/100/1000Base-TX to 2x1000Base-FX Media Converter

This unmanaged MINI industrial grade 10/100/1000Base-TX to 1000Base-FX media converter is designed to match the critical industrial standards. With reliable and simple operation against vibration and shock, and wide operation temperature range, it could match a variety of harsh environment, can be wall mounted or Din Rail installed with smaller dimension.

The switch featured excellent design without cooling fan and reached protection level IP40 complies with CE, FCC and RoHS standards, and passed the 100% burning test to ensure that it will fulfill the needs of industrial applications. It is providing an economical solution for industrial Ethernet connections.

### Feature:



SGS



- ✧ Operates under extended temperature ranges from -40°C to 85°C
- ✧ Numbers of SC, FC, LC, ST fiber ports and RJ ports
- ✧ Redundant dual DC power inputs
- ✧ Excellent heat elimination without cooling fan
- ✧ Supper lightning protection, IP 40 protection
- ✧ Meet CE, FCC, RoHS standard, and Industrial products standard



### Technical details:

#### --Interface:

- ✧ 1 1000Base-FX port (SC, ST, LC, FC connectors optional)
- ✧ 1 RJ45 PORT 10/100/1000Base-T(X) auto negotiation

#### --Power:

- ✧ Input Voltage: 24V DC(18-36VDC) Redundant dual inputs
- ✧ Input Current: <0.5A @24VDC
- ✧ Overload Current Protection: Present
- ✧ Reverse Polarity Protection: Present
- ✧ Redundant Protection: Present

#### --Physical Characteristics:

- ✧ Housing: Aluminum Alloy material with IP40 Protection
- ✧ Weight and dimension: 98MM(L)X78MM(W)X32MM(H)/270G
- ✧ Installation: Din-Rail mounting, Wall mounting

#### --Environmental Limits:

- ✧ Operating Temperature: -40°C-85°C
- ✧ Storage Temperature: -40°C-85°C
- ✧ Ambient Relative Humidity: 5%-95% (non-condensing)

- ✧ EMS:
  - EN61000-4-2 (ESD), Level 3
  - EN61000-4-4 (EFT), Level 3
  - EN61000-4-3 (RS), Level 3
  - EN61000-4-5 (Surge), Level 3
  - IEC61000-4-8(100A/m), Level 3
  - IEC61000-4-11, Level 3
- ✧ EMI: FCC CFR47 Part 15, EN55022/CISPR22, Class A
- ✧ Shock: IEC 60068-2-27
- ✧ Industry: IEC61000-6-2
- ✧ Traffic: NEMA TS-2
- ✧ Rail: EN50155, EN50121-4
- ✧ Free Fall: IEC 60068-2-32
- ✧ Vibration: IEC 60068-2-6

#### Product Selection:

- ✧ 1RJ-LC/SC/FC/ST 550M DX MMF 850nm
- ✧ 1RJ-LC/SC/FC/ST 2KM DX MMF 1310nm
- ✧ 1RJ-LC/SC/FC/ST 20KM/40KM SMF DX-1310nm /BIDI-1310/1550nm
- ✧ 1RJ-LC/SC/FC/ST 60KM/80KM SMF DX-1310nm /BIDI-1490/1550nm
- ✧ 1RJ-LC/SC/FC/ST 100KM DX SMF 1550nm