

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

This unmanaged 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.

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:



- ✧ 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: 138MM(L)X112MM(W)X42MM(H)/480G
- ✧ 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