The CL-MCSFP-100/1000 is a copper to fiber Gigabit Ethernet solution designed to make conversion between 10/100/1000Base-T to 100Base-FX and 10/100/1000Base-T to 1000Base-SX/LX. The CL-MCSFP-100/1000 provides the fiber multi-rate 100Mbps/1000Mbps Ethernet with SC connector. This non-managed converter has a simple DIP switch for setting auto or forced mode for both UTP and fiber port and for enabling or disabling its LFP (Link Fault Pass-thru) feature by setting fiber port to 1000Base-FX forced mode.

**Features**
- 10/100/1000Base-T to 1000Base-X
- 10/100/1000Base-T to 100Base-FX
- Auto-negotiation or forced mode in both copper and fiber
- Auto MDI/MDIX
- Forward 1632 bytes (Max.) packets
- Supports Flow control (Pause)

**Optical Interface**
- **Connector**: SFP Slot
- **Data rate**: 100Mbps, 1000Mbps
- **Duplex mode**: Full duplex
- **Fiber**: MM 50/125µm, 62.5/125µm. SM 9/125µm
- **Distance**: SFP spec.
- **Wavelength**: MM 850nm, SM 1310,1550nm
  - WDM 1310Tx/1550Rx (type A)
  - 1550Tx/1310Rx (type B)

**Electrical Interface**
- **Connector**: RJ45
- **Data rate**: 10Mbps, 100Mbps, 1000Mbps
- **Duplex mode**: Half / Full duplex
- **Cable**: 10Base-T Cat.3, 4, 5, UTP
  - 100Base-TX Cat.5, 5e or higher
  - 1000Base-T Cat.5, 5e or higher
- **Standard**: IEEE 802.3, IEEE 802.3u, IEEE802.3ab, IEEE802.3z
- **Indicators**: LED (Power, FX-Link, TX-Link, TX-SPD, TX-Duplex, LFP)
- **Power Input**: 12VDC
- **Power Consumption**: < 5W
- **Dimension**: 108 x 74 x 23mm (D x W x H)
- **Weight**: 120g
- **Temperature**: 0 ~ 50°C (Operating), 0 ~ 70°C (Storage)
- **Humidity**: 10 ~ 90% non-condensing
- **Certification**: CE, FCC, LVD, RoHS
- **MTBF**: 65,000 hrs (25°C)

**Ordering Information**
- CL-MCSFP-100/1000
- CL-MCSFP-16
- CL-MCSFP-16M