

Optical Fibre

2100 Series Media Converter - Gigabit



Description

The UFCMC-3011SFP series of media converters were specifically designed to offer network designers the ability to extend copper based Gigabit via fibre based Gigabit Ethernet.

The converters are completely transparent when installed so the network performs exactly the way it would do normally only now it can migrate both copper and fiber mediums.

The compact size allows the converter to be easily deployed in any narrow desktop location.

Features

- Support inter-conversion between 1000Base-T and 1000Base-SX/LX
- Support full-duplex and half-duplex and its auto-sensed
- Support auto-sense of MDI/MDI-Facilitating system commissioning and installation
- Support the transmission of extra-long VLAN packets
- Support Quality of Service (QoS) and ensuring the transmission of VoIP packets;
- Options include Multi mode dual fiber, single mode dual fiber and single mode single fibre



Specifications

Transmission Mode	10/100/1000 Gigabit Ethernet
Standards	IEEE802.3ab 1000Base-T, IEEE802.3z 1000Base-SX/LX Gigabit Ethernet
Wavelength	850nm/1310nm/1550nm - dependant upon fibre type and distance
Transmission Distance	multi-mode Dual-fiber: 220m (62.5/125µm)/550m (50/125µm) single mode Dual-fiber: 20 Km
LED Indicators	PWR: Power FX: Fiber port signal detect FX-LINK/ACT: Fiber port link/action status 1000M: UTP port speed 1000M TX-LINK/ACT: UTP port link/action status FDX/COL: UTP port duplex
Power	5V (240VAC via external power pack)
Temperature	Operating, -10 to 55°C / Storage, -40 to 70°C
Humidity	Operating, 5% to 90% / Storage, 5% to 90% 5% to 90% non condensing
Dimensions	70mm (W), 95mm (D), 26 mm (H) plus external power supply

Part Numbers

UFCMC-2100-SC	1000Base-TX to 1000Base-FX Ethernet Media Converter, Multimode, 550m, 850nm, SC
UFCMC2100-20SC	1000Base-TX to 1000Base-FX Ethernet Media Converter, single mode, 20km, 1310nm, SC