

10/100M Media Converter

Model: 3C-DU-400-13-20



Please visit www.3c-link.com for more detail

Features

- Complies with IEEE802.3 and IEEE802.3u 10/100Base-TX and 100Base-FX
- MTU size supported 1600 bytes maximum
- Supports pure converter mode data forwarding for extreme low latency
- Built in 128Kb RAM for data buffer
- Supports modified cut-through frame forwarding for low latency
- Optional forward fragments
- 10/100Mbps and full/half duplex automatically configure in TP port
- Supports end fault function (optional)
- MDI/MDI-X Auto Negotiation
- Support EEPROM configuration
- LED Indicators: POWER, FX LINK/ACT, 100, TP LINK/ACT, FDX/COL.
- FCC Class A & CE approved
- LLR, LFP - Link Loss Return (LLR), Link Failure Pass (LFP) features supported
- RoHs compliant
- Only 1 fiber used instead of 2 - WDM BiDi technology
- Stainless steel parts (value added feature)
- Standalone, Wallmount or Hotpluggable in 19' chassis - universal design

Introduction

The 3C-DU-400-13-20 converter complies with IEEE 802.3 standards. It is designed to convert data signal between 10/100 Base-TX and 100 Base Fx Fast Ethernet. The media converter is connected between Fiber cable and twisted cable segments with network operating smoothly.

The 3C-DU-400-13-20 support 4 10/100M UTP ports and 1 100Base-FX(Fix SC optical interface)

Expands the Size of an Existing Network

Provides fiber connectivity to Ethernet segments, allowing for even further networking expansion between extended workgroups. Also provides building-to-building connectivity without the need for the cost and disruption associated with the installation of additional routers.

Enhances the Distance between Networking Devices

Connecting the converter to fiber segments can further extend distances between networking nodes. This can be achieved by direct connection between the converter and a fiber-based node or networking device.

Specifications

Wavelength: 1310nm for 10Km

Technical:

BER: < 1E-8
 Data Buffer: 128Kb
 Power temperature variation: 0. 2mw/°C
 Input Power Range (dBm): 0~-40
 I_{max}: 800mA
 Power: 2.5 W

Fiber cable(m): 8.3/125, 8.7/125, 9/125 or 10/125single-mode

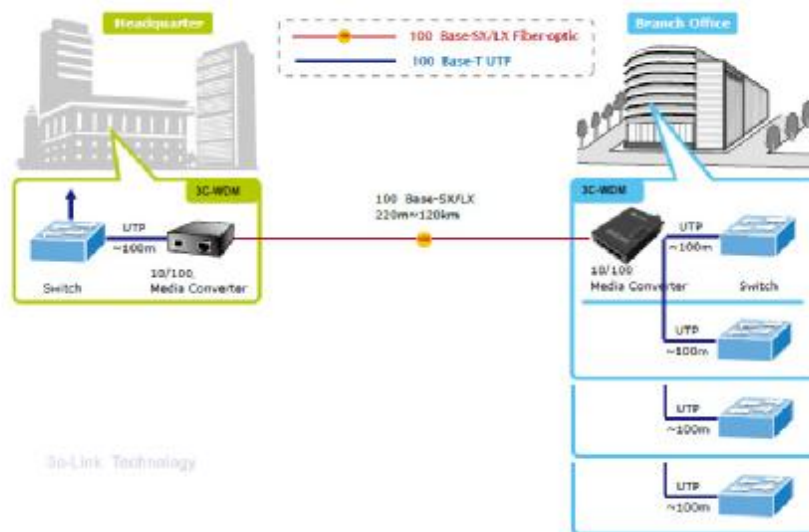
Maximum distance: 120 km (available ordering options 20/40/60/80/100/120 km)

Input power: IA@+5VDC or 110~260VAC or 48VDC

Environment:

Relative humidity;5% to 90%
 Operating temperature: 0 to 70 degrees
 Storage temperature : -20 to 70

Application



Order Information

3C	-	X	-	X	-	X	-	X	-	X
		Type		Data rate		Wave Length		Distance		Support Chassis
		WDM		400= 4 Ports 10/100M		85=850nm		20=20Km		R14
		DU				13=1310nm		40=40Km		R16
						15=1550nm				R16M
						35=1310T/1550R				R16SM
						53=1550T/1310R				R16
						45=1490T/1550R				
						54=1550T/1490R				

For example:

3C-DU-400-13-20 : 1310nm, ,20km, 10/100M, 4UTP

3C-WDM-400-35-20 : 1310TX/1550RX,20km, 10/100M,4UTP

3C-WDM-400-53-20 : 1550TX/1310RX,20km, 10/100M,4UTP



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