



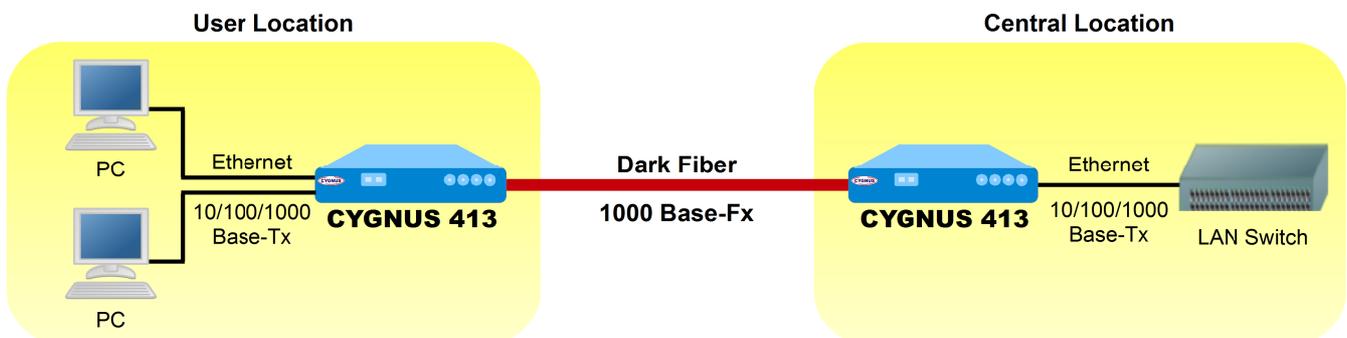
# CYGNUS 413

## Gigabit Ethernet Media Converter

### FEATURES

- ◆ A pair of CYGNUS 413 use to convert UTP 10/100/1000 Base-T to 1000 Base-X Fiber media
- ◆ Supports up to 10K Byte Jumbo frames
- ◆ Two 10/100/1000 Base-T Ethernet interfaces for connecting user devices
- ◆ One 1000 Base-X Fiber port with Duplex SC connector for connecting Fiber line
- ◆ Driving range is up to 20 km on Single Mode Fiber
- ◆ Supports 10/100/1000 Mbps operation in Half or full Duplex mode, with Auto Negotiation, Auto-sensing and Auto MDI/MDIX
- ◆ Compliant with IEEE 802.3, 802.3u, 802.3x and 802.3z standards
- ◆ Power, Link, Activity and Speed LED indicators
- ◆ Power supply: 5 VDC wall adaptor

### TYPICAL APPLICATION



### SPECIFICATIONS

#### Fiber OPTIC INTERFACE

Fiber type:	Single Mode
Standard	IEEE 802.3z
Wave Length:	1310 nm
Range:	Up to 20 km
Connector:	Duplex SC (Tx and Rx on separate Fiber)

#### ETHERNET INTERFACE

Standard	IEEE 802.3, 802.3u, 802.3x and 802.3z
Speed:	Up to 1000 Mbps with Auto negotiation, Auto sensing and Auto MDI/MDX
Connector:	RJ45 Socket

#### INDICATORS

Power, Fiber Link/Act status, Ethernet Link/ACT and Port speed status

#### GENERAL

Size:	92mm (w) x 123mm (d) x 25mm (h)
Power:	5 VDC external AC adaptor
Operating temp:	0-45° C
Humidity:	Up to 85% RH, non condensing

#### ORDERING INFORMATION

Order Code: CYGNUS 413

*Specifications and Features are subject to change without notice  
Ref: 221122*



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