



INCLUDED



HARDENED



4



The Ganz™ GNET GNFE4TX4US Ethernet 4 port unmanaged switch Series is designed to transmit and receive 10/100 Mbps data over CAT5E/6 electrical cable. This unit integrates 4 independent 10/100 Mbps channels in a single package. The GNFE4TX4US electrical interface will Auto-Negotiate to 10 Mbps, or 100 Mbps Ethernet rate without any adjustments. The optical interfaces operate at a 100 Mbps Ethernet rate.

FEATURES

- › 10/100 Mbps Ethernet
- › 10/100 BASE-T/TX electrical ports support Auto-Negotiation for 10 Mbps or 100 Mbps, full duplex or half duplex data.
- › Automatic MDI/MDI-X crossover
- › Designed to meet full compliance with the environmental requirements (ambient operating temperature, mechanical shock, vibration, humidity with condensation, high-line/low-line voltage conditions and transient voltage protection) of NEMA TS-1/TS-2 and the Caltrans Specification for Traffic Signal Control Equipment.
- › Voltage transient protection on all power and signal input/output lines provides protection from power surges and other voltage transient events.
- › No in-field optical adjustments required
- › Power, Activity and Port status LED indicators
- › Hot-swappable rack modules
- › Interchangeable between stand-alone or rack mount use
- › IEEE 802.3 compliant
- › Lifetime Warranty

APPLICATIONS

- › 10/100 Mbps Ethernet
- › High Speed Computer Links



SPECIFICATIONS

Data

Data Interface	Ethernet
Data Rate	10/100 Mbps
	IEEE 802.3 Compliant
	Full Duplex or Half Duplex Electrical Ports

Cable

CAT5E/6

Connectors

Power	Terminal Block
Data	RJ45

Indicating LEDs

- Electrical Link/Data Activity
- Power

Low Power Consumption

AGENCY COMPLIANCE



**MADE IN THE
USA**

Power

Operating Voltage Range	9 to 24 VDC
Power Consumption	12 W Max

Electrical & Mechanical

Number of Rack Slots	1
Current Protection	Automatic Resettable Solid-State Current

Limiters

Circuit Board	Meets IPC Standard
Size	6.1 × 5.3 × 1.1 in (15.5 × 13.5 × 2.8 cm)
Shipping Weight	<2 lbs./0.9 kg

Environmental

MTBF	>100,000 hours
Operating Temp	-40° C to +75° C
Storage Temp	-40° C to +85° C
Relative Humidity	0% to 95% (non-condensing) ¹

ORDERING INFORMATION

Part Number	Description
GNFE4TX4US	4 Port 10/100 Mbps Ethernet Unmanaged Switch with 4 TX RJ45 Ports
Included	DC Plug-in Power Supply, 90-264 VAC, 50-60 Hz
Accessories	
Options	[1] Add suffix 'C' for Conformally Coated Circuit Boards to extend to condensation conditions (Extra charge, consult factory) DIN-Rail Mounting Adaptor Plate Kit – With mounting hardware (Optional, order model DINBKT1 or DINBKT4)

All specifications are subject to change without notice.