

ESW626 Series

Industrial 26 Port 19 inch Rackmount Unmanaged Ethernet Switches

Features

- ✓ Light Industrial design 61000-6-1 specifications
- ✓ -10 to 60°C or -40 to 75°C (-T models) temperature rating
- ✓ RJ-45 port supports auto MDI/MDI-X function
- ✓ SC Single mode and Multi mode fiber connectors
- ✓ Gigabit options with copper and SFP combo ports
- ✓ IP30 Enclosure
- ✓ Fanless design
- ✓ 256K bytes packet buffer
- ✓ 8k MAC address table
- ✓ 18 to 36 VDC power input
- ✓ 19-inch rack 1U height
- ✓ 100% burn in testing
- ✓ 5 year warranty



Functional Description

B&B Electronics Elinx ESW626 family of unmanaged Industrial rackmount Ethernet switches have been designed to meet light Industrial communication requirements. This family offers several configuration options ranging from 26 ports all RJ45 copper to RJ45 copper with multi mode, single mode, and or combo SFP gigabit ports.

Fiber Options

Choose fiber optic ports for long distance runs or applications that require extreme noise immunity. Both multi-mode and single-mode fiber options are available. The factory installed fiber ports support 100BaseFX speeds. Some models support an optional combo SFP slot which can be used for applications requiring gigabit speeds over fiber networks.

Gigabit

Gigabit ports are typically used for backhaul connectivity or with IP cameras. Models with gigabit options are designed with combo ports. A combo port consists of both: a copper 10/100/1000 port and a gigabit SFP port. The gigabit SFP modules are optional items. If fiber optic connections with gigabit speeds are required, choose the appropriate SFP module. Shown below, and add it to your order. Note that the gigabit combo ports will default to the copper connection, once an SFP module is installed the copper gigabit port will be disabled and the switch will utilize the SFP port for traffic.



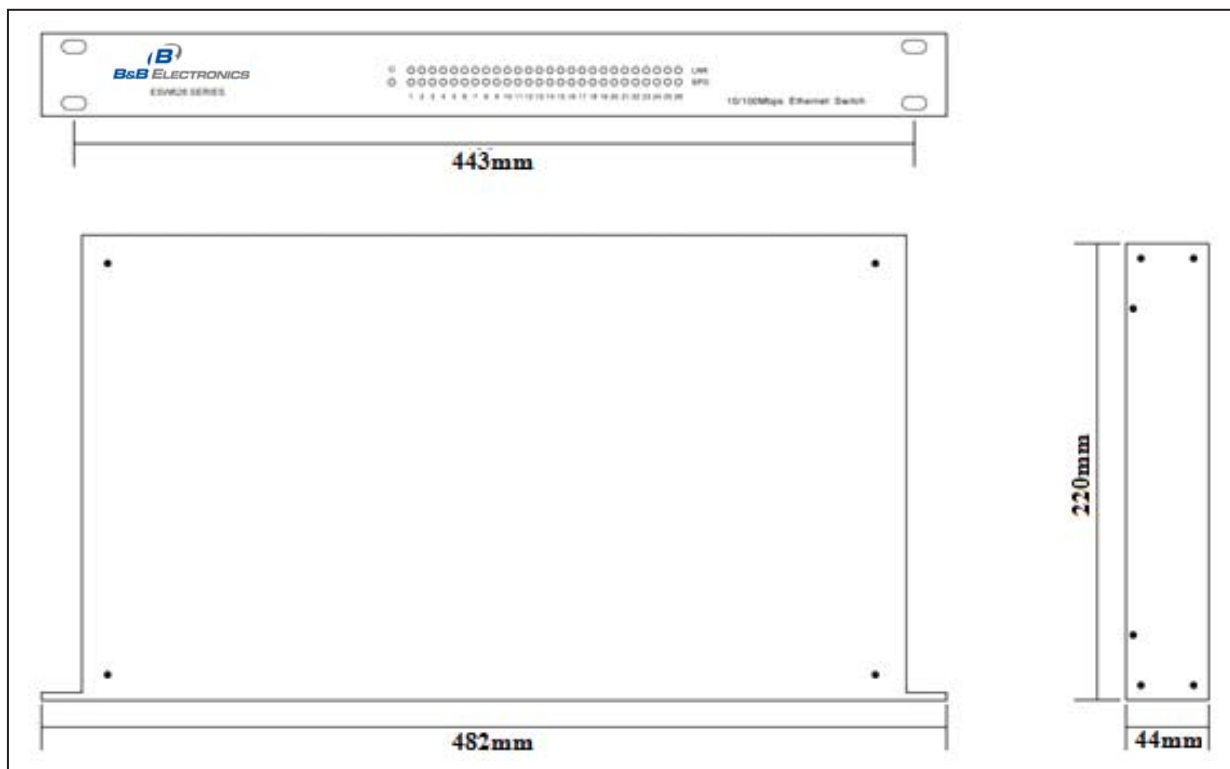
Ordering Information

| Model | 10/100 | 10/100/1000 | SFP 1000 | Multi-mode Fiber | Single-mode Fiber | Temperature |
|--------------------|--------|-------------|----------|------------------|-------------------|-------------|
| ESW626 | 26 | | | | | -10 to 60°C |
| ESW626-2MC | 24 | | | 2 (SC) | | -10 to 60°C |
| ESW626-2SC | 24 | | | | 2 (SC) | -10 to 60°C |
| ESWG626-2SFP | 24 | (2) | (2) | | | -10 to 60°C |
| ESW626-T | 26 | | | | | -40 to 75°C |
| ESWG626-2SFP-T | 24 | (2) | (2) | | | -40 to 75°C |
| ESWG626-4MC-2SFP-T | 20 | (2) | (2) | 4 (SC) | | -40 to 75°C |
| ESWG626-4SC-2SFP-T | 20 | (2) | (2) | | 4 (SC) | -40 to 75°C |

Accessories:

| Model No. | Description |
|---------------------|---|
| MDR-60-24 | 24VDC 60W Single Output Industrial DIN Rail Power Supply |
| C5UMB3FBG | Ethernet Category 5e patch cord, 3 ft. (0.9m), beige |
| C5UMB7FBG | Ethernet Category 5e patch cord, 7 ft. (0.9m), beige |
| SFP-1000SX-M-550M-T | SFP Module, 1000Base-SX, Multi-mode 550m, LC Connector (-40 to 85°C) |
| SFP-1000LX-S-10KM-T | SFP Module, 1000Base-LX, Single-mode 10km, LC Connector (-40 to 85°C) |
| SFP-1000LX-S-20KM-T | SFP Module, 1000Base-LX, Single-mode 20km, LC Connector (-40 to 85°C) |

Mechanical:



Specifications:

Technology

Standards: IEEE802.3, 802.3u,802.3ab,802.3z, 802.3x
 Processing Type: Store and forward with IEEE802.3x full duplex, non-blocking flow control
 Flow Control: IEEE802.3x flow control, back pressure flow control
 Packet buffer memory: 256 K bytes
 Address Table Size 8K MAC Addresses

Interface

RJ45 Ports: 10/100BaseT(x) auto negation, Full/Half duplex, auto MDI/MDI-connection
 Fiber Ports: 100BaseFX ports (multi-mode or single-mode with SC connector)
 Mini-GBIC SFP Combo Ports
 LED Indicators: Power, Link, Speed, System Status

Fiber Optics

| Fiber Type | Distance | Wavelength | Output Power | Sensitivity |
|-------------|----------|------------|------------------|--------------|
| Multi-mode | 2 km | 1310 nm | - 20 to - 14 dBm | ≤ - 33.9 dBm |
| Single mode | 20 km | 1310 nm | - 15 to - 14 dBm | ≤ - 31 dBm |

Power

Input Voltage 18 to 36 VDC
 Power Use 20W Max
 Input Connection Terminal Block
 Protection Reverse Polarity Protection

Environmental

Op. Temperature -10 to 60C or -40 to 75C
 Storage Temperature -40 to 80 °C
 Op. Humidity 0 to 95% Non-condensing
 MTBF 200,000 hours

Mechanical

Enclosure IP 30 Metal
 Dimensions 443 x 44 x 220
 Installation: 19" Rackmount / 1U

Regulatory Approvals

CE, FCC,
 RoHS - Yes

