

EX1605PB/PBF1 EX1608PB/PBF1 Series

Unmanaged 5/8-port 10/100BASE-TX Ethernet Switch



Value

- › Compact size with one fiber uplink
- › External 12VDC power adaptor
- › Shelf or wall-mount support



Features

- › 4 or 7 ports for 10/100BASE-TX and 1 port for 100BASE-FX
- › The fiber port is available with SC or ST with a fiber connection that can reach up to 120Km (74.4miles)
- › 0.6A 12VDC External Universal PSU +/-
- › 0°C to 45°C (32°F to 113°F) operating temperature range
- › 10/100Mbps-Full/Half-duplex, Auto-Negotiation, Auto-MDI/MDIX

Ordering Information

EX1605PB	5-port 10/100BASE-TX Unmanaged Ethernet Switch
EX1605PBFT	4-port 10/100BASE-TX + 1-port 100BASE-FX Multi Mode (ST) - 2KM Unmanaged Ethernet Switch
EX1605PBFC	4-port 10/100BASE-TX + 1-port 100BASE-FX Multi Mode (SC) - 2KM Unmanaged Ethernet Switch
EX1605PBFT-20	4-port 10/100BASE-TX + 1-port 100BASE-FX Single Mode (ST) - 20KM Unmanaged Ethernet Switch
EX1605PBFT-15	4-port 10/100BASE-TX + 1-port 100BASE-FX Single Mode (SC) - 15KM Unmanaged Ethernet Switch
EX1605PBFC-40	4-port 10/100BASE-TX + 1-port 100BASE-FX Single Mode (SC) - 40KM Unmanaged Ethernet Switch
EX1605PBFC-20	4-port 10/100BASE-TX + 1-port 100BASE-FX Single Mode (SC) WDM-TX:1310nm/RX:1550nm - 20KM Unmanaged Ethernet Switch
EX1605PBFCB-20	4-port 10/100BASE-TX + 1-port 100BASE-FX Single Mode (SC) WDM-TX:1550nm/RX:1310nm - 20KM Unmanaged Ethernet Switch
EX1605PBFC-40	4-port 10/100BASE-TX + 1-port 100BASE-FX Single Mode (SC) WDM-TX:1310nm/RX:1550nm - 40KM Unmanaged Ethernet Switch
EX1605PBFCB-40	4-port 10/100BASE-TX + 1-port 100BASE-FX Single Mode (SC) WDM-TX:1550nm/RX:1310nm - 40KM Unmanaged Ethernet Switch
EX1608PB	8-port 10/100BASE-TX Unmanaged Ethernet Switch
EX1608PBFT	7-port 10/100BASE-TX + 1-port 100BASE-FX Multi Mode (ST) - 2KM Unmanaged Ethernet Switch
EX1608PBFC	7-port 10/100BASE-TX + 1-port 100BASE-FX Multi Mode (SC) - 2KM Unmanaged Ethernet Switch
EX1608PBFT-20	7-port 10/100BASE-TX + 1-port 100BASE-FX Single Mode (ST) - 20KM Unmanaged Ethernet Switch
EX1608PBFC-15	7-port 10/100BASE-TX + 1-port 100BASE-FX Single Mode (SC) - 15KM Unmanaged Ethernet Switch
EX1608PBFC-40	7-port 10/100BASE-TX + 1-port 100BASE-FX Single Mode (SC) - 40KM Unmanaged Ethernet Switch
EX1608PBFC-20	7-port 10/100BASE-TX + 1-port 100BASE-FX Single Mode (SC) WDM-TX:1310nm/RX:1550nm - 20KM Unmanaged Ethernet Switch
EX1608PBFCB-20	7-port 10/100BASE-TX + 1-port 100BASE-FX Single Mode (SC) WDM-TX:1550nm/RX:1310nm - 20KM Unmanaged Ethernet Switch
EX1608PBFC-40	7-port 10/100BASE-TX + 1-port 100BASE-FX Single Mode (SC) WDM-TX:1310nm/RX:1550nm - 40KM Unmanaged Ethernet Switch
EX1608PBFCB-40	7-port 10/100BASE-TX + 1-port 100BASE-FX Single Mode (SC) WDM-TX:1550nm/RX:1310nm - 40KM Unmanaged Ethernet Switch

Specifications

Technology	
Standards	<ul style="list-style-type: none"> • IEEE802.3 10BASE-T, IEEE802.3u 100BASE-TX/100BASE-FX, IEEE802.3x
Forward and Filtering Rate	<ul style="list-style-type: none"> • 14,880pps for 10Mbps • 148,810pps for 100Mbps
Packet Buffer Memory	<ul style="list-style-type: none"> • 1M bits
Processing Type	<ul style="list-style-type: none"> • Store-and-Forward • Half-duplex back-pressure and IEEE802.3x full-duplex flow control
Address Table Size	<ul style="list-style-type: none"> • 2048 MAC addresses
Latency	<ul style="list-style-type: none"> • EX1605PB, EX1605PBF1: Less than 5µs • EX1608PB, EX1608PBF1: Less than 7.5µs

Power	
Input	<ul style="list-style-type: none"> • Input Voltage: 12VDC
Power Consumption	<ul style="list-style-type: none"> • 3.24W Max. 0.27A @ 12VDC

Mechanical	
Casing	<ul style="list-style-type: none"> • Metal case
Dimensions	<ul style="list-style-type: none"> • 160mm (W) x 80.5mm (D) x 28mm (H) (6.3" (W) x 3.17" (D) x 1.1" (H))
Weight	<ul style="list-style-type: none"> • 0.42Kg (0.92lb.)
Installation	<ul style="list-style-type: none"> • Wall, Shelf Mounting

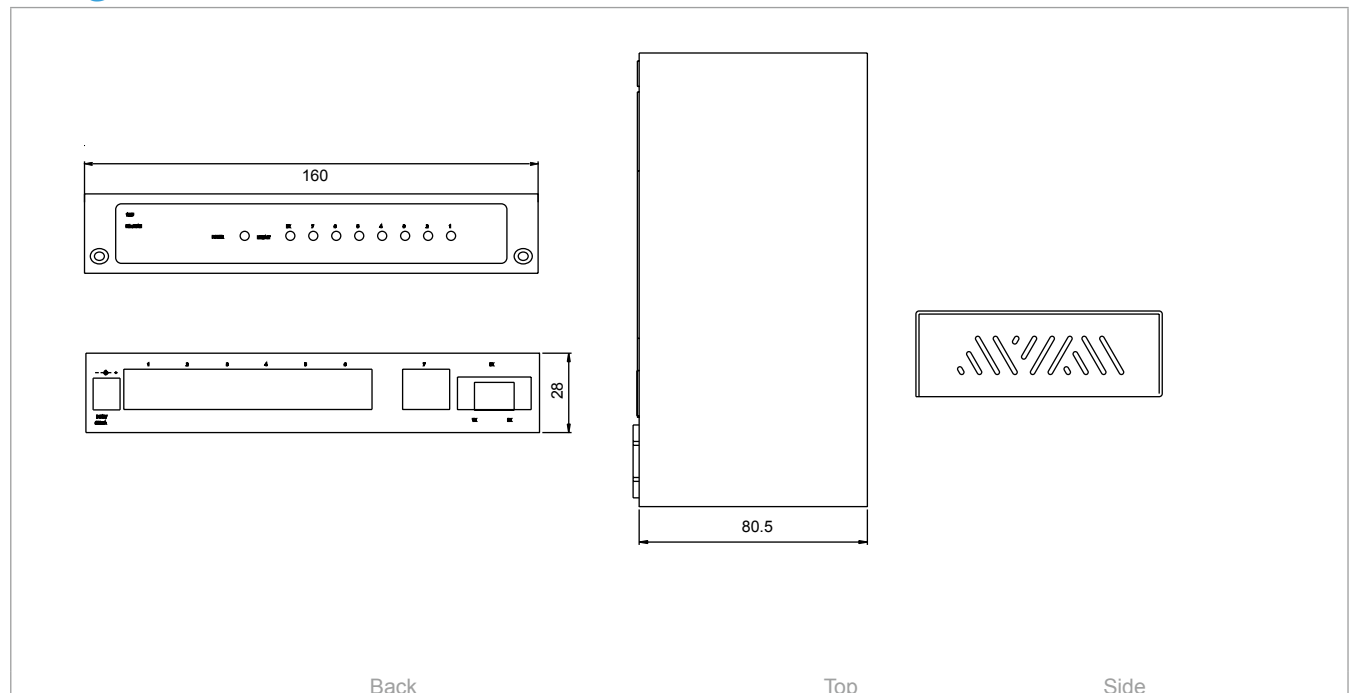
Interface	
Ethernet Port	<ul style="list-style-type: none"> • 10/100BASE-TX: 5 or 4 ports (EX1605PB/PBF1) 8 or 7 ports (EX1608PB/PBF1) • 100BASE-FX: 1 port
LED Indicators	<ul style="list-style-type: none"> • Per Unit: Power Status (Power) • Per Port: 10/100TX, 100FX: Link/Activity

Environment	
Operating Temperature	<ul style="list-style-type: none"> • 0°C to 45°C (32°F to 113°F)
Storage Temperature	<ul style="list-style-type: none"> • -10°C to 70°C (14°F to 158°F)
Ambient Relative Humidity	<ul style="list-style-type: none"> • 5% to 95% (non-condensing)

Regulatory Approvals	
ISO	<ul style="list-style-type: none"> • Manufactured in an ISO9001 facility
Emission Compliance	<ul style="list-style-type: none"> • CE Mark Class A, FCC Part 15 Class A

Diagrams

Unit: mm



Ethernet Switches
Media Converters
Ethernet Extenders
Serial Device Servers
Accessories