

16 and 24-Port 10/100 Unmanaged Switches



Signamax Connectivity Systems' 10/100BaseT/TX Ethernet Switches feature 16 or 24 10/100 ports. These models transparently pass packets of up to 1,522 bytes, allowing their use in networks utilizing IEEE 802.1p and IEEE 802.1Q tagged packets. In addition, these models support 8K MAC addresses, and provide a true non-blocking switching architecture with full wire speed forwarding. The Signamax 065-7331A and 065-7341A switches provide a lower-cost answer to today's computing needs and high bandwidth requirements.

KEY FEATURES

- Auto-MDIX and Auto-Negotiation for Speed and Duplex Mode for All TX Ports
- True Non-Blocking Architecture — Full Wire-Speed Forwarding Rate at All Ports Simultaneously
- Supports Up to 1536 Bytes Packet Size
- Internal Power Supply
- Automatic Source Address Learning and Aging
- Back Pressure and IEEE 802.3x Compliant Flow Control
- Store-and-Forward Switching Mechanism
- Five Year Performance Warranty

ORDERING INFORMATION

Part Number	Description
065-7331A	16-Port 10/100 Unmanaged Switch
065-7341A	24-Port 10/100 Unmanaged Switch

SPECIFICATIONS**• APPLICABLE STANDARDS**

IEEE 802.3 10BaseT
IEEE 802.3u 100BaseTX
IEEE 802.3u 100BaseFX
IEEE 802.3x Flow Control

• PORTS**Model 065-7331A:**

16 – Fixed 10/100BaseT/TX ports, RJ-45 connectors with Auto-MDIX (IEEE 802.3u Type 10BaseT & 100BaseTX)

Model 065-7341A:

24 – Fixed 10/100BaseT/TX ports, RJ-45 connectors with Auto-MDIX (IEEE 802.3u Type 10BaseT & 100BaseTX)

Maximum distance:

IEEE 802.3 10BaseT - 2-pair UTP Cat. 3, 4, 5 or better, up to 100 meters
IEEE 802.3u 100BaseTX - 2-pair UTP Cat. 5 or better, up to 100 meters

• LED STATUS INDICATORS

Per Unit: Power
Per Port: LNK/ACT; 100 Mbps speed indicator

• PHYSICAL CHARACTERISTICS

Dimensions: 17.3"W x 5.5"D x 1.74"H (440mm x 140 mm x 44 mm)
Weight: 6.2 lbs. (2.8 kg)

• MEMORY & SWITCHING MATRIX CHARACTERISTICS**Packet Buffer Size/Switch Fabric:**

Model 065-7331A: 512 Kb shared packet buffer / 3.2 Gbps Switch Fabric, Single-Stage Switching Matrix (Non-Blocking Architecture)
Model 065-7341A: 2.5 Mb shared packet buffer / 4.8 Gbps Switch Fabric, Single-Stage Switching Matrix (Non-Blocking Architecture)

• PERFORMANCE

Throughput: 148,800 pps at 100 Mbps; 14,880 pps at 10 Mbps (64-byte packets)
MAC Address Table Size: 8K entries

• ENVIRONMENT**Operating:**

Temperature: 32°F to 104°F (0°C to 40°C)
Relative Humidity: 10 to 90%, non-condensing
Altitude: 10,000 feet (3,048 meters)

Non-Operating/Storage:

Temperature: -13°F to 158°F (-25°C to 70°C)
Relative Humidity: 10 to 90%, non-condensing

• EMISSIONS

FCC part 15 Class A; CE Mark Class A

• WARRANTY

Five years, including power supply