

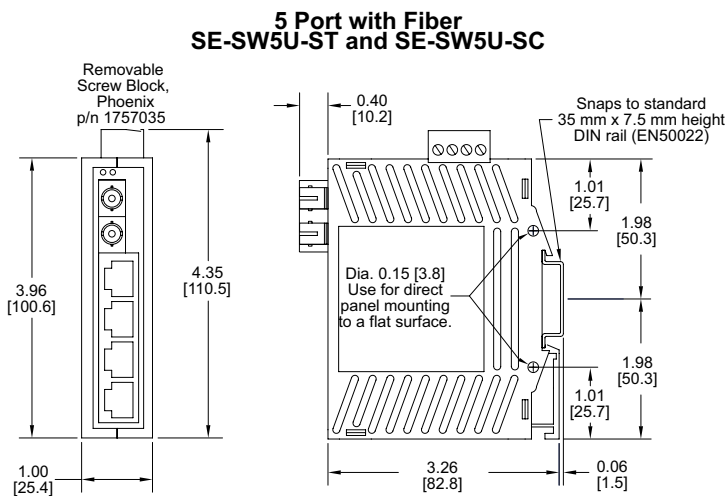
Stride Unmanaged Industrial Ethernet Switches

5-Port Ethernet Switch with Fiber Port - Plastic Case

STRIDE SlimLine Industrial Unmanaged Ethernet Switch, plastic case, -10 to +60 °C operating temperature range, four 10/100BaseT RJ45 Ethernet ports and one multimode 100BaseFX ST or SC fiber port. Redundant power inputs with surge and spike protection, auto-crossover, DIN rail mounting. Supports Store and Forward wire speed switching and full-duplex with flow control. UL/CUL1604 (Class I, Div. 2, Groups A, B, C, D) and CE marked.

Dimensions

Inches [mm]



SE-SW5U-ST

with one ST type fiber port

SE-SW5U-SC

with one SC type fiber port

\$174.00

ACT/LNK LED

This is the **Yellow** LED on models with two LEDs per RJ45 port.

ON (yellow) (not flashing)	Indicates that there is a proper Ethernet connection (Link) between the port and another Ethernet device, but no communications activity is detected.
ON (yellow) (flashing)	Indicates that there is a proper Ethernet connection (Link) between the port and another Ethernet device, and that there is communications activity.
OFF	Indicates that there is not a proper Ethernet connection (Link) between the port and another Ethernet device. Make sure the cable has been plugged securely into the ports at both ends.

Speed 10/100 LED

This is the **Green** LED on models with two LEDs per RJ45 port.

ON (green)	A 100 Mbps (100BaseT) connection is detected.
OFF	A 10 Mbps (10BaseT) connection is detected.

Fiber LED

This is the **Green** LED on the fiber optic models.

ON (green) (not flashing)	Indicates that there is a proper fiber connection (Link) between the port and another fiber device, but no communications activity is detected.
ON (green) (flashing)	Indicates that there is a proper fiber connection (Link) between the port and another fiber device, and that there is communications activity.
OFF	Indicates that there is not a proper fiber connection (Link) between the port and another fiber device. Make sure the fiber optic cable has been plugged securely into the ports at both ends.

Specifications

The following are specifications relevant to the SE-SW5U-ST and SE-SW5U-SC 5-Port Ethernet Switches with Fiber Port.

Input power (typical with all ports active at 100 Mbps)	3.0 W
Weight	4 oz (0.11 kg)
Power connector max. screw torque	5.0 lb-in (0.57 Nm)

Stride Unmanaged Industrial Ethernet Switches & Media Converter

General Specifications		
Ethernet switch type	Up to 9 ports	
Operating mode	Store and forward wire speed switching, non-blocking	
Devices supported	All IEEE 802.3 compliant devices are supported	
Standards	IEEE 802.3, 802.3u, 802.3x	
MAC addresses	1024 addresses	
Memory bandwidth	3.2 Gbps	
Latency for 10 Mbps ports	16 us + frame time (typical)	
Latency for 100 Mbps ports	5 us + frame time (typical)	
Power input	Redundant Input Terminals	
Input power (typical with all ports active at 100 Mbps)	SE-MC2U-ST SE-MC2U-SC SE-SW5U SE-SW5U-WT	2.0 W
	SE-SW5U-ST SE-SW5U-SC SE-SW5U-ST-WT SE-SW5U-SC-WT	3.0 W
	SE-SW8U SE-SW8U-WT	4.0 W
	SE-SW9U-ST SE-SW9U-SC SE-SW9U-ST-WT SE-SW9U-SC-WT	5.0 W
Input voltage	10-30 VDC (continuous) - Class 2 Power Supply	
Reverse power protection	Yes	
Transient protection	15,000 watts peak	
Spike protection	5,000 watts (10x for 10 us)	
Ethernet isolation	1500 VRMS 1 minute	
Operating temperature range	SE-MC2U-ST SE-MC2U-SC SE-SW5U SE-SW8U SE-SW5U-ST SE-SW5U-SC SE-SW9U-ST SE-SW9U-SC	-10 to +60 °C (+14 to +140 °F), cold startup at -10 °C (+14 °F)
	SE-SW5U-WT SE-SW8U-WT SE-SW5U-ST-WT SE-SW5U-SC-WT SE-SW9U-ST-WT SE-SW9U-SC-WT	-40 to +85 °C (-40 to +185 °F), cold startup at -40 °C (-40 °F)
Storage temperature range	-40 to +85 °C (-40 to +185 °F)	
Humidity (non-condensing)	5 to 95% RH	
Environmental Air	No corrosive gasses permitted	
Vibration, shock & freefall	IEC68-2-6, -27, -32	
Agency Approvals	UL/cUL 508, CSA C22 per EN61010-1, UL/cUL 1604 (Class 1, Div. 2, Groups A, B, C, D), CSA C 22.2/213 9 per EN50021/EN60079-15 (Zone 2, Category 3), CE (ATEX)	
EMI emissions	FCC part 15, ICES-003, EN55022	
EMC immunity	IEC61326-1	
RoHS and WEEE	RoHS (Pb free) and WEEE compliant	
Environmental Air	For use in Pollution Degree 2 environment	

General Specifications Cont'd		
Packaging and protection	SE-MC2U-ST SE-MC2U-SC SE-SW5U SE-SW8U SE-SW5U-ST SE-SW5U-SC SE-SW9U-ST SE-SW9U-SC	UL94V0 Lexan, IP30
	SE-SW5U-WT SE-SW8U-WT SE-SW5U-ST-WT SE-SW5U-SC-WT SE-SW9U-ST-WT SE-SW9U-SC-WT	Aluminum IP30
Dimensions (L x W x H)	See mechanical diagrams for details	

Copper RJ45 Ports: (10/100BaseT)	
10/100BaseT ports	Shielded RJ45
Protocols supported	All standard IEEE 802.3
Ethernet compliance	IEEE 802.3, 802.3u, 802.3x
Auto-crossover	Yes, allows you to use straight-through or crossover wired cables
Auto-sensing operation	Yes, Full and half duplex
Auto-negotiating	Yes, 10BaseT and 100BaseT
Auto-polarity	Yes, on the TD and RD pair
Flow control	Automatic
Ethernet isolation	1500 VRMS 1 minute
Plug and play	Yes
Cable requirements	Twisted pair (Cat. 5 or better) (shielded recommended)
Max. cable distance	100 meters

Fiber Port: (100BaseFX multimode)	
100BaseFX ports	1
Fiber port mode	Multimode (mm)
Fiber port connector	ST – models SE-XXXX-ST and SE-XXXX-ST-WT SC – models SE-XXXX-SC and SE-XXXX-SC-WT
Optimal fiber cable	50/125 or 62.5/125 μm
Center wavelength	1300 nm
Multimode	Links up to 4 km typ.; 1300 nm; use with 50 or 62.5/125 μm fiber > Transmitter power (dB): -21 min, -17 typ, -14 max > Receiver sensitivity (dB): -34 typ, -31 max
Nominal max. distance (full duplex)	4 km
Half and full duplex	Full duplex
Ethernet compliance	100BaseFX
Eye safety (laser)	IEC 60825-1, Class 1; FDA 21 CFR 1040.10 and 1040.11

Complete documentation

Documentation can be downloaded from
www.automationdirect.com.

Stride Unmanaged Industrial Ethernet Switches & Media Converter Installation

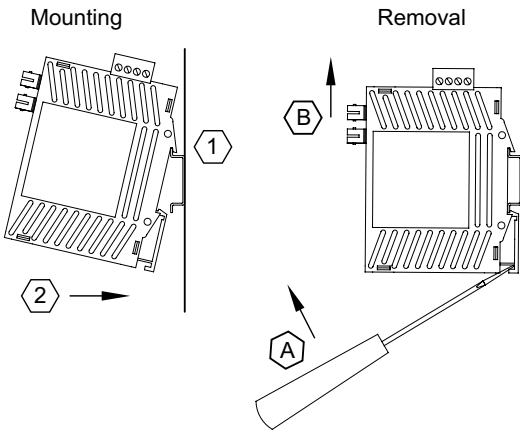
DIN Rail Mounting: Plastic Case

DIN rail mounting steps:

1. Hook top back of unit over the DIN rail.
2. Push bottom back onto the DIN rail until it snaps into place.

DIN rail removal steps:

- A. Insert screwdriver into DIN clip and pry until it releases from the DIN rail.
- B. Unhook top of unit from DIN rail.



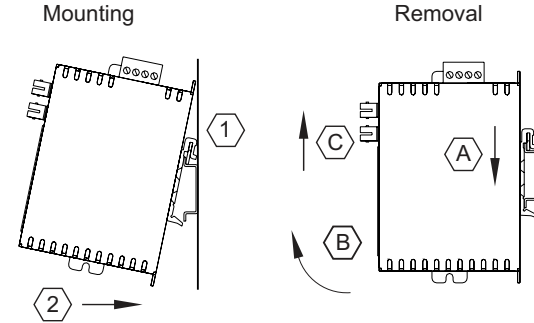
DIN Rail Mounting: Metal Case

DIN rail mounting steps:

1. Hook top back of unit over the DIN rail.
2. Push bottom back onto the DIN rail until it snaps into place.

DIN rail removal steps:

- A. Push the unit down to free the bottom of the DIN rail.
- B. Rotate the bottom of the unit away from the DIN rail.
- C. Unhook top of unit from DIN rail.



Optional Mounting



Vertical screw to panel mount.

For better shock and vibration resistance (Metal cased models only)

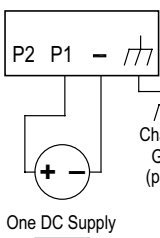


Flat screw to panel mount.

For a low profile orientation in shallow boxes plus the best shock and vibration resistance.

Power wiring

Single DC Power

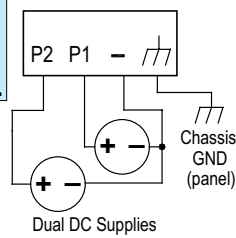


Redundant DC Power

Maximum power terminal screw torque is **5.0 lb-in (0.57Nm)**.

Wire Size Range **24 - 12 AWG**

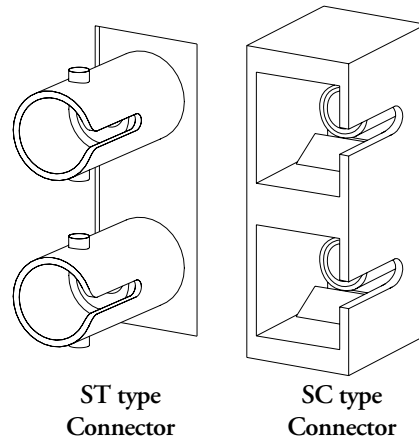
10-30 VDC



A recommended DC power supply is AutomationDirect.com Part number PSC-24-015.

The power connection terminal block is removable for access to the mounting tab.

ST or SC Fiber Connector



ST type Connector

SC type Connector

Stride Unmanaged Industrial Ethernet Switches & Media Converter

Unmanaged Switches offer Deterministic Control

The Stride unmanaged switches automatically determine and remember where each Ethernet device is located and route messages only through the appropriate port. This gives devices on the network an open communications channels and helps minimize network loading. Another benefit is the 10/100 auto-speed selection that enhances the performance of 10 Mbps Ethernet devices by speeding up their message transmissions to 100 Mbps when they are passed to a faster Ethernet backbone.

Increased Reliability

The Stride Ethernet switches have been designed for the industrial environment. They will survive extreme temperatures, as well as dirty, unreliable industrial power. Meeting UL 1604 (Class I Div. 2), and the IEC68-2 standard for vibration resilience, the Stride switches will provide years of reliable performance in applications too tough for commercial grade switches.

Simple Installation

With no user setup required, the Stride unmanaged switches and media converters will immediately start operating as soon as you power them up and connect them to the network.

Unmanaged Switches

Mounting Options: Snaps to standard 35mm x 7.5mm height DIN rail (EN50022). The (-WT) metal housing versions also offer various mounting options.

Fiber LED to indicate a proper connection for the fiber connectors and network activity.

Fiber Optic Port on selected models. Multi-mode fiber optic port with ST or SC type connector that supports half and full duplex with a maximum distance of 4km.

Activity, Link and Speed LEDs are integrated into the RJ45 ports.

RJ45 Ports that are fully IEEE 802.3 compliant with 10/100 auto-detecting for speed and duplex (full or half).

Auto crossover (MDI/MDIX) automatically supports either straight or crossed cables which greatly reduces cable installation errors.



Redundant Power Inputs

Dual power inputs with industrial surge and spike protection help reduce down time when there is primary power loss. Reverse power protection is also supported.

Power LED to indicate power on P1 or P2 power inputs.

DIN Rail Mount

Snaps to standard 35mm x 7.5mm height DIN rail (EN50022).

Industrial Temperature Ranges

Plastic Models:

-10 to +60 °C (+14 to +140 °F) operating temperature range

Metal Models (-WT):

-40 to +85 °C (-40 to +185 °F) operating temperature range. 5 to 95% RH humidity range (non-condensing).

Agency Approvals:

UL1604, CSA C22.2/213 (Class I, Div.2)
EN50021/EN60079-15

Model SE-SW5U-ST-WT shown above. For detailed specifications on all models, see following pages

Ethernet Switches and Media Converter

Performance and Quality

Managed Models

Starting at \$445



**Gigabit Ethernet
(on select models)**

Unmanaged Models

Starting at \$99



Metal Models (-WT)

Starting at \$199

Industrial Strength Ethernet

Stride is our line of managed and unmanaged industrial grade Ethernet switches and media converters. Designed with our PLC, HMI and drive customers in mind, Stride Ethernet switches are specifically built for industrial environments. With a Stride industrial Ethernet switch on an isolated control LAN, you can reduce data collisions that slow down your network. Stride Ethernet switches automatically determine and remember the devices connected to each port and route messages only through the appropriate ports. Install Stride switches and your Ethernet control network will maintain more consistent cycle times even under heavy I/O and data exchange.

Extreme Temperatures

For industrial applications where temperatures can change from freezing to sweltering heat, the Stride line offers Ethernet switches that are designed for standard industrial environments, as well as the most extreme industrial environments. The rugged metal housing switch models offer superior EMC performance and corrosion-resistance while also allowing you to choose various mounting methods for your application. This is standard and no kits are required!

Fiber Optic Support

Stride offers models with a variety of Fiber Optic connections. Fiber optic cables are immune to electrical and magnetic interference and cannot be damaged by induced voltage transients. Fiber optic cabling not only enhances reliability, it saves time you might have spent tracking down those nasty communications problems caused by electrical interference. Also, your network distance is greatly increased when using Fiber optic cabling.

Features

Advanced Hardware

- All 10/100/1000 RJ45 ports are auto-detecting, auto-crossover and auto-polarity.
- Redundant power inputs with industrial surge and spike protection
- Fiber optic ports available on certain models
- SFP transceiver modules on selected models offer additional fiber options

Real-time Performance

- Store and Forward wire speed switching - no delays
- Full-duplex operation with flow control (no collisions!)
- Auto crossover (MDI/MDIX) and auto polarity

True Industrial Design

- Ethernet Isolation -1500 VRMS 1 minute
- Spike protection - 5,000 watts (10x for 10 uS)
- UL, (cUL) listed and CE certified
- Hazardous locations rated for Class 1, Div. 2
- Rugged heavy-gauge Aluminum case available

Stride Industrial Ethernet Switches & Media Converter

Stride Managed Ethernet Switches

As the use of industrial Ethernet devices increases, network security, segment isolation, and packet priority control become increasingly difficult when using unmanaged switches. This is where the Stride managed switch becomes especially beneficial in an industrial network application. Supported features such as SNMP, IGMP, VLAN, QOS and network redundancy, allow networks to be configured and managed in a way that assures the highest performance levels for your application.

The Stride Managed Ethernet switches allow you to design and build reliable, rugged and cost effective networks with a switch

that will survive extreme temperatures, as well as dirty, unreliable industrial power. Meeting UL 1604 (Class I Div. 2), and the IEC68-2 standard for vibration resilience, the Stride switches will provide years of reliable performance in applications too tough for commercial grade switches.

Our managed switches offer Gigabit and fast Ethernet options, as well as various fiber SFP transceiver modules that can be used on select models. Just take a look at some of the key features that separate Stride the from the rest of the pack:

Managed Switches

Mounting Options: Supports DIN-rail and side mounting.

Activity, Link and Speed LEDs are integrated into the RJ45 ports.

Fiber Optic Port on selected models with ST or SC type connector that supports half and full duplex. SFP module options for distances up to 30Km.

Fiber LED to indicate a proper connection for the fiber connectors and network activity. (on models with SFP or Fiber ports).

RJ45 Ports that are fully IEEE 802.3 compliant with 10/100 auto-detecting for speed and duplex (10/100/1000 on selected Gigabit switch models).

Auto crossover (MDI/MDIX) automatically supports either straight or crossed cables which greatly reduces cable installation errors.

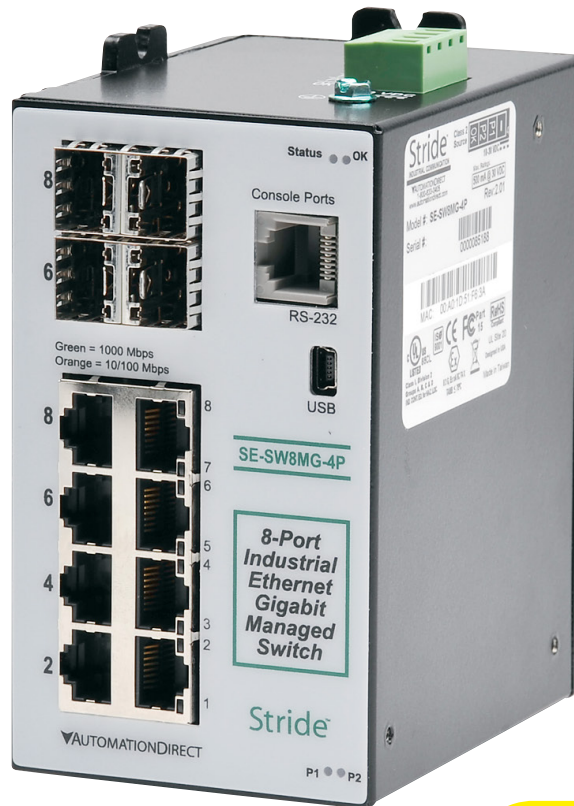
Redundant Dual Power Inputs with industrial surge and spike protection help reduce down time when there is primary power loss. Reverse power protection is also supported.

Power LED to indicate power on P1 or P2 power inputs.

Flexible Console Connections
2 Console Ports (USB & RS-232) for convenience.

All Metal Case provides sturdy protection and is designed to remove excess heat from components; offers superior EMC performance.

Industrial Temperature Range
-40 to +75 °C (-40 to +165 °F) operating temperature range. 5 to 95% RH humidity range (non-condensing).



Agency Approvals:

UL1604, CSA C22.2/213 (Class I, Div.2)
EN50021/EN60079-15



SFP Option Modules: STRIDE SFP (small form-factor pluggable) transceivers, also called mini- GBIC, are compact, hot-swappable transceivers with LC fiber connectors. The Stride SE-SW8MG-4P and SE-SW10MG-2P switches have ports that accept these optional transceivers to add fiber connectivity at Fast Ethernet or Gigabit Ethernet speed. There are several models to choose, ranging from 550 meters to 30Km.

Model SE-SW8MG-4P shown above. For detailed specifications on all models, see following pages

Ethernet Patch Cables

Cat5e STP Ethernet Patch Cables

Connectivity

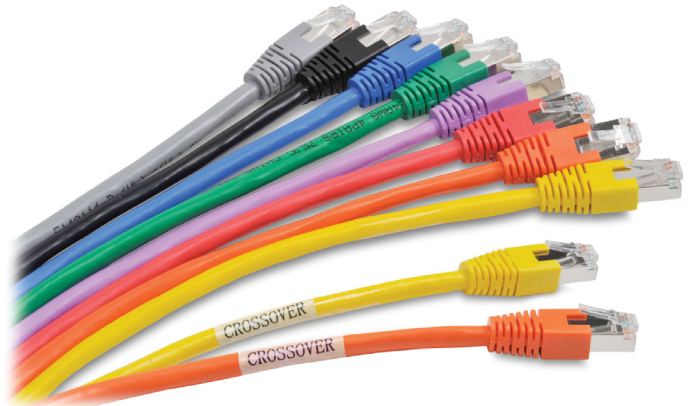
Ethernet is a multi-purpose communication protocol that has become the data standard for the industrial market. AutomationDirect offers several PLC's, HMI's and drives that support the Ethernet Protocols for data distribution, software programming and configuration.

Designed for Industrial Use

The noise interference radiated from electrical components that is often associated with factory floor environments can result in partial or complete data loss. This may result in delays or complete communication loss in extremely noisy environments.

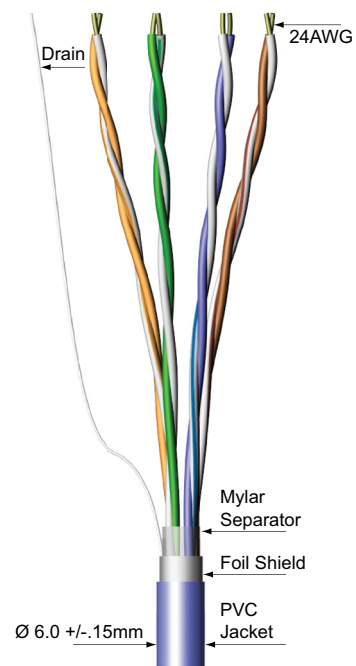
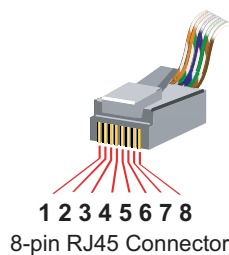
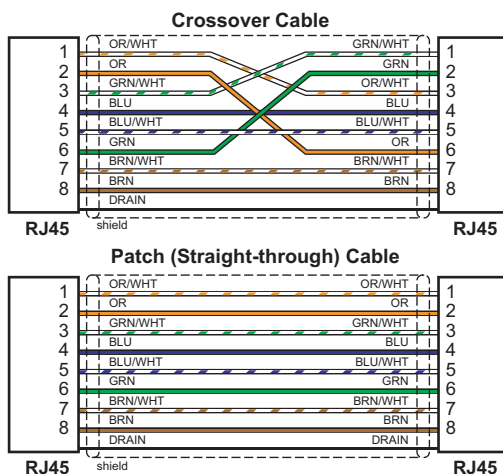
Our Ethernet patch cables are designed to reduce the effects of (EMI) electromagnetic interference by incorporating a single metal foil shield that wraps around the entire set of 8 wires in the Cat5e cable. The RJ45 connectors are also shielded against electrical interference and designed to be robust. Our 350 MHz cables exceed all Cat5e TIA/EIA standards, and drastically reduce both impedance and structural return loss (SRL) when compared to standard 100 MHz cables.

With several colors and lengths to choose from at great pricing, these cables should help you in creating solid, reliable Ethernet networks with any application.



Features

- Connector; 50-micron gold plated RJ45 male plugs
- Conductor; 4-pair 24 AWG stranded copper
- Overall foil shielded cable for industrial applications
- Crossover cables have “crossover” label on each end.
- Exceeds Category 5e specifications, 350MHz
- Multiple lengths and colors
- CM rated, suitable for general use other than plenum spaces
- RoHS compliant



Ethernet Patch Cables

Company Information

Control Systems Overview

CLICK PLC

Do-More PLCs Overview

Do-More H2 PLC

Do-More T1H PLC

DirectLOGIC PLCs Overview

DirectLOGIC DL05/06

DirectLOGIC DL105

DirectLOGIC DL205

DirectLOGIC DL305

DirectLOGIC DL405

Productivity Controller Overview

Productivity 3000

Universal Field I/O

Software

C-More HMI

C-More Micro HMI

ViewMarq Industrial Marquees

Other HMI

Communications

Appendix Book 1

Terms and Conditions

Straight Through Patch Cables				
Part Number	Color	Description	Length	Price
C5E-STPGY-S3	Gray	Ethernet patch cable, Cat5e STP (Twisted Pairs with overall foil Shield), 3 ft. (0.9m) length, PVC cable jacket. RJ-45 male connectors, 350 MHz, 4-pair 24 AWG stranded copper. Can support 10 / 100 / 1000 Mbps; exceeds Category 5e cable specifications.	3' (0.91 m)	\$4.50
C5E-STPBK-S3	Black			\$4.50
C5E-STPBL-S3	Blue			\$4.50
C5E-STPGN-S3	Green			\$4.50
C5E-STPPL-S3	Purple			\$4.50
C5E-STPRD-S3	Red			\$4.50
C5E-STPYL-S3	Yellow			\$4.50
C5E-STPOR-S3	Orange			\$4.50
C5E-STPGY-S7	Gray	Ethernet patch cable, Cat5e STP (Twisted Pairs with overall foil Shield), 7 ft. (2.1m) length, PVC cable jacket. RJ-45 male connectors, 350 MHz, 4-pair 24 AWG stranded copper. Can support 10 / 100 / 1000 Mbps; exceeds Category 5e cable specifications.	7' (2.13 m)	\$6.75
C5E-STPBK-S7	Black			\$6.75
C5E-STPBL-S7	Blue			\$6.75
C5E-STPGN-S7	Green			\$6.75
C5E-STPPL-S7	Purple			\$6.75
C5E-STPRD-S7	Red			\$6.75
C5E-STPYL-S7	Yellow			\$6.75
C5E-STPOR-S7	Orange			\$6.75
C5E-STPGY-S10	Gray	Ethernet patch cable, Cat5e STP (Twisted Pairs with overall foil Shield), 10 ft. (3.0m) length, PVC cable jacket. RJ-45 male connectors, 350 MHz, 4-pair 24 AWG stranded copper. Can support 10 / 100 / 1000 Mbps; exceeds Category 5e cable specifications.	10' (3.05 m)	\$8.50
C5E-STPBK-S10	Black			\$8.50
C5E-STPBL-S10	Blue			\$8.50
C5E-STPGN-S10	Green			\$8.50
C5E-STPPL-S10	Purple			\$8.50
C5E-STPRD-S10	Red			\$8.50
C5E-STPYL-S10	Yellow			\$8.50
C5E-STPOR-S10	Orange			\$8.50
C5E-STPGY-S14	Gray	Ethernet patch cable, Cat5e STP (Twisted Pairs with overall foil Shield), 14 ft. (4.3m) length, PVC cable jacket. RJ-45 male connectors, 350 MHz, 4-pair 24 AWG stranded copper. Can support 10 / 100 / 1000 Mbps; exceeds Category 5e cable specifications.	14' (4.3 m)	\$10.00
C5E-STPBK-S14	Black			\$10.00
C5E-STPBL-S14	Blue			\$10.00
C5E-STPGN-S14	Green			\$10.00
C5E-STPPL-S14	Purple			\$10.00
C5E-STPRD-S14	Red			\$10.00
C5E-STPYL-S14	Yellow			\$10.00
C5E-STPOR-S14	Orange			\$10.00
C5E-STPGY-S25	Gray	Ethernet patch cable, Cat5e STP (Twisted Pairs with overall foil Shield), 25 ft. (7.5m) length, PVC cable jacket. RJ-45 male connectors, 350 MHz, 4-pair 24 AWG stranded copper. Can support 10 / 100 / 1000 Mbps; exceeds Category 5e cable specifications.	25' (7.6 m)	\$14.50
C5E-STPBK-S25	Black			\$14.50
C5E-STPBL-S25	Blue			\$14.50
C5E-STPGN-S25	Green			\$14.50
C5E-STPPL-S25	Purple			\$14.50
C5E-STPRD-S25	Red			\$14.50
C5E-STPYL-S25	Yellow			\$14.50
C5E-STPOR-S25	Orange			\$14.50
C5E-STPGY-S50	Gray	Ethernet patch cable, Cat5e STP (Twisted Pairs with overall foil Shield), 50 ft. (15.2m) length, PVC cable jacket. RJ-45 male connectors, 350 MHz, 4-pair 24 AWG stranded copper. Can support 10 / 100 / 1000 Mbps; exceeds Category 5e cable specifications.	50' (15.2 m)	\$24.50
C5E-STPBK-S50	Black			\$24.50
C5E-STPBL-S50	Blue			\$24.50
C5E-STPGN-S50	Green			\$24.50
C5E-STPPL-S50	Purple			\$24.50
C5E-STPRD-S50	Red			\$24.50
C5E-STPYL-S50	Yellow			\$24.50
C5E-STPOR-S50	Orange			\$24.50

Ethernet Patch Cables

Crossover Patch Cables				
Part Number	Color	Description	Length	Price
C5E-STPYL-C3	Yellow	Ethernet crossover patch cable, Cat5e STP (Twisted Pairs with overall foil Shield), 3 ft. (0.9m) length, PVC cable jacket. RJ-45 male connectors, 350 MHz, 4-pair 24 AWG stranded copper; labeled as "Crossover" on both ends. Can support 10 / 100 / 1000 Mbps; exceeds Category 5e cable specifications.	3' (0.91 m)	\$5.25
C5E-STPOR-C3	Orange			\$5.25
C5E-STPYL-C7	Yellow	Ethernet crossover patch cable, Cat5e STP (Twisted Pairs with overall foil Shield), 7ft (2.1m) length, PVC cable jacket. RJ-45 male connectors, 350 MHz, 4-pair 24 AWG stranded copper; labeled as "Crossover" on both ends. Can support 10 / 100 / 1000 Mbps; exceeds Category 5e cable specifications.	7' (2.13 m)	\$7.50
C5E-STPOR-C7	Orange			\$7.50
C5E-STPYL-C10	Yellow	Ethernet crossover patch cable, Cat5e STP (Twisted Pairs with overall foil Shield), 10ft (3.0m) length, PVC cable jacket. RJ-45 male connectors, 350 MHz, 4-pair 24 AWG stranded copper; labeled as "Crossover" on both ends. Can support 10 / 100 / 1000 Mbps; exceeds Category 5e cable specifications.	10' (3.05 m)	\$9.00
C5E-STPOR-C10	Orange			\$9.00
C5E-STPYL-C14	Yellow	Ethernet crossover patch cable, Cat5e STP (Twisted Pairs with overall foil Shield), 14ft (4.3m) length, PVC cable jacket. RJ-45 male connectors, 350 MHz, 4-pair 24 AWG stranded copper; labeled as "Crossover" on both ends. Can support 10 / 100 / 1000 Mbps; exceeds Category 5e cable specifications.	14' (4.3 m)	\$11.00
C5E-STPOR-C14	Orange			\$11.00
C5E-STPYL-C25	Yellow	Ethernet crossover patch cable, Cat5e STP (Twisted Pairs with overall foil Shield), 25ft (7.5m) length, PVC cable jacket. RJ-45 male connectors, 350 MHz, 4-pair 24 AWG stranded copper; labeled as "Crossover" on both ends. Can support 10 / 100 / 1000 Mbps; exceeds Category 5e cable specifications.	25' (7.6 m)	\$15.00
C5E-STPOR-C25	Orange			\$15.00
C5E-STPYL-C50	Yellow	Ethernet crossover patch cable, Cat5e STP (Twisted Pairs with overall foil Shield), 50ft (15.2m) length, PVC cable jacket. RJ-45 male connectors, 350 MHz, 4-pair 24 AWG stranded copper; labeled as "Crossover" on both ends. Can support 10 / 100 / 1000 Mbps; exceeds Category 5e cable specifications.	50' (15.2 m)	\$25.50
C5E-STPOR-C50	Orange			\$25.50

