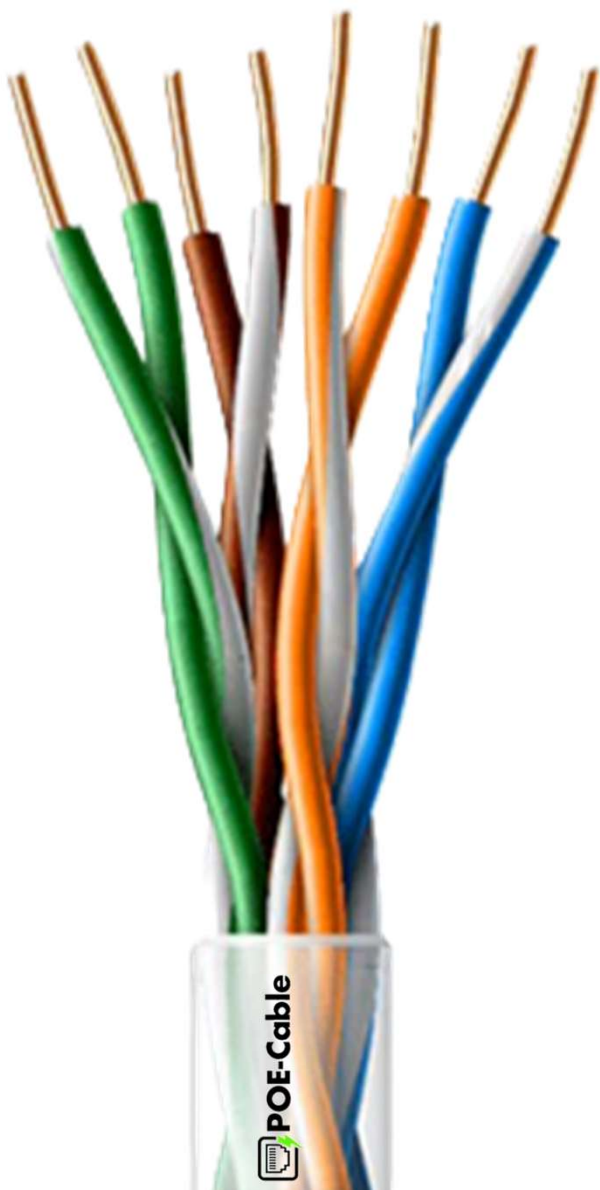




GRID





GRID

 **POE-Jack®**

 **POE-Cable®**

 **POE-Surge®**

 **POE-HDMI®**



GRID



POE-Jack®



POE-Cable

- ✓ Lower Environmental Impact (LEED)
- ✓ More Organized
- ✓ More Flexibility
- ✓ More Room
- ✓ Cleaner Patching
- ✓ POE
- ✓ Eco-System
- ✓ Lower cost



CERTIFIED
40-49 Points



CERTIFIED
50-59 Points



CERTIFIED
60-69 Points



CERTIFIED
80+ Points



POE-Jack[®]



PoE vs PoE+ vs PoE++

The different PoE standards mainly vary in terms of the power they can deliver, which impacts the types of devices they can support.

PoE (802.3af)

up to 15.4 W per port



IP Phones



IP Cameras



Wi-Fi 5 APs

PoE+ (802.3at)

up to 30 W per port



IP Video Phones



PTZ HD IP Cameras



Wi-Fi 6 APs



Small Audio Speakers

PoE++ (802.3bt)

up to 60/90 W per port



Wi-Fi 6E/Wi-Fi 7 APs



Smart Building Lighting



Audio System



Thin Clients

POE-Jack®



- GRID Networking have a trademarked brand POE-Jack® that is patent pending. We have several unique products in development to be submitted for patents. The first product POE-Jack® is our launch with accessories to fill out the solution.
- Our target markets are: Telcos, Data Cabling Companies, Resellers, IT, Security/Surveillance dealers/installers, Digital Signage companies, VOIP resellers, POS - Point of Sale companies, Kiosk & Self Check out companies, Industrial control integrators, Wireless installers, Pro AV and Video conferencing installers.
- We have a new product POE-Jack® (Patent Pending) that is used in place of standard connectivity (Jacks/plates) this wall plate is POE++ powered with an input on the back and 4 front facing POE, POE+ Outlets.
 - a) This reduces cabling costs, conduit, wire management etc.
 - b) This reduces POE switch and Patch Panel ports
 - c) This has less environmental impact
 - d) This reduces need for cabling MACs as you can expand using existing cable
 - e) Offers POE, POE+ at the wall plate to power and charge devices
 - f) Accessories allow for adapting Fiber, Coax, USB-C, iPhone, Docking stations and more
 - g) Great for Offices, Hospitals, Campuses, Warehouses, Medical, Strata, Hotels, Industrial, Airports, Agriculture, Retail, Homes and more
 - h) Perfect for VOIP, Laptops, IP Cameras, Wireless APs, POE Lighting, POS - Point of sale, Kiosks, Self Check Out, Digital Signage, Industrial control, IP speakers, Access Control, Security, Smart Home, Video Conferencing and more.



Active POE-Jack®
APOEJK2-WH



1 Cable in
4 Ports out
1 Patch Panel Port required
1 POE Switch Port required

Huge cost savings in:

- Less Switches / Switch Ports
- Less Patch Panels
- Less Patch Cables
- Less Cable
- Less Wire management
- Less Conduit / Cable Tray
- Less Rack Space
- Less Labor



GRID

*Specifications subject to change
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Active POE-Jack® APOEJK2-WH



- POE Ports
- Screwless Faceplate
- Better for Environment / LEED
- Less cost to install
- More flexibility
- Gigabit uplink
- Gigabit ports
- IEEE 802.3bt Type 4 Class 8 uplink, 95w
- Power up to four IEEE 802.3af (Class 0,1,2,3) POE
- Power up to four IEEE 802.3at (Type 1, Class 0,1,2,3) POE+
- Power up to three IEEE 802.3at (Type 2 Class 4) POE+
- Remaining ports will pass ethernet without POE when full POE Budget is used
- 95 watt maximum PoE input (60 Watts from Output Ports)
- Single Signature PoE
- Passes VLAN traffic
- Extends IP / PoE an additional 328 feet
- Built in screwless wall plate for a clean install and look
- Fits standard electrical outlet receptacle / Single gang box / LV trim ring
- Bright Green LED indicator with on/off switch for LED indicator
- Grounding post
- Must be powered by POE switch or injector to work
- Operating standby power ethernet without POE under 2.5w
- Operating Temperature Range: -10 - 45C
- Operating Humidity : 5% to 90%
- Input Voltage Range: 44-56 volts through Uplink Port
- Listings: cETLus, FCC, CE, RCM, EMC, LVD, ISED, ROHS

POE Example

Port 1	Port 2	Port 3	Port 4
30 Watts	30 Watts	0 Watts	0 Watts
30 Watts	13 Watts	13 Watts	5 Watts
25 Watts	13 Watts	13 Watts	9 Watts
25 Watts	25 Watts	10 Watts	0 Watts
15 Watts	15 Watts	15 Watts	15 Watts



GRID

*Specifications subject to change
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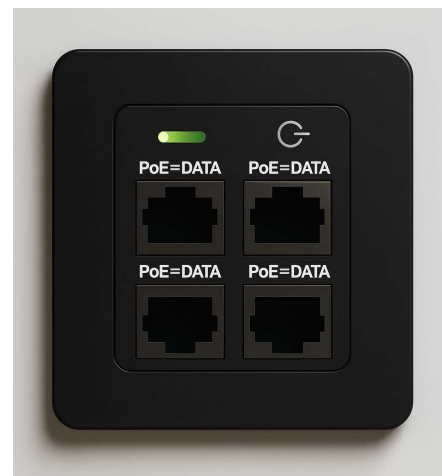


APOEJK2-BK

Active POE-Jack® Options with MOQ



POEJK-UK2-WH



POEJK-UK2-BK



Active POE-Jack®

- POE Ports
- Screwless Faceplate
- Better for Environment / LEED
- Less cost to install
- More flexibility
- Gigabit uplink
- Gigabit ports
- IEEE 802.3bt Type 4 Class 8 uplink, 95w
- Power up to four IEEE 802.3af (Class 0,1,2,3) POE
- Power up to four IEEE 802.3at (Type 1, Class 0,1,2,3) POE+
- Power up to three IEEE 802.3at (Type 2 Class 4) POE+
- Remaining ports will pass ethernet without POE when full POE Budget is used
- 95 watt maximum PoE input (60 Watts from Output Ports)
- Single Signature PoE
- Passes VLAN traffic
- Extends IP / PoE an additional 328 feet
- Built in screwless wall plate for a clean install and look
- Fits standard electrical outlet receptacle / Single gang box / LV trim ring
- Bright Green LED indicator with on/off switch for LED indicator
- Grounding post
- Must be powered by POE switch or injector to work
- Operating standby power ethernet without POE under 2.5w
- Operating Temperature Range: -10 - 45C
- Operating Humidity : 5% to 90%
- Input Voltage Range: 44-56 volts through Uplink Port
- Listings: cETLus, FCC, CE, RCM, EMC, LVD, ISED, ROHS

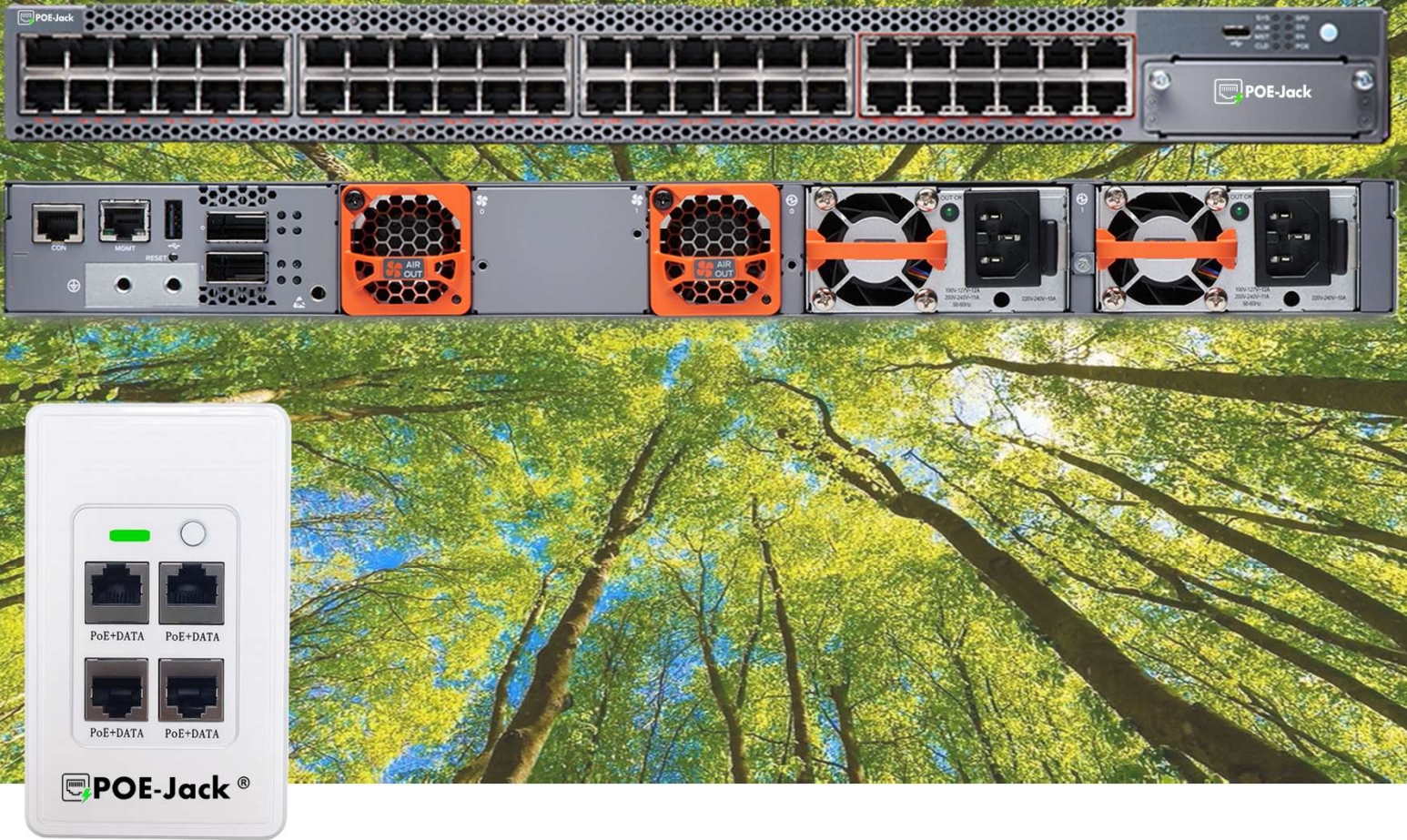
POE Example

Port 1	Port 2	Port 3	Port 4
30 Watts	30 Watts	0 Watts	0 Watts
30 Watts	13 Watts	13 Watts	5 Watts
25 Watts	13 Watts	13 Watts	9 Watts
25 Watts	25 Watts	10 Watts	0 Watts
15 Watts	15 Watts	15 Watts	15 Watts



*Specifications subject to change
© June 2023

3600 Watts



The POE-Jack® POE switch is a high wattage POE injector matched for the POE-Jack®

POEJK-S48-3600

PoE Budget: Massive 3600W, which is among the highest available for commercial-grade switches

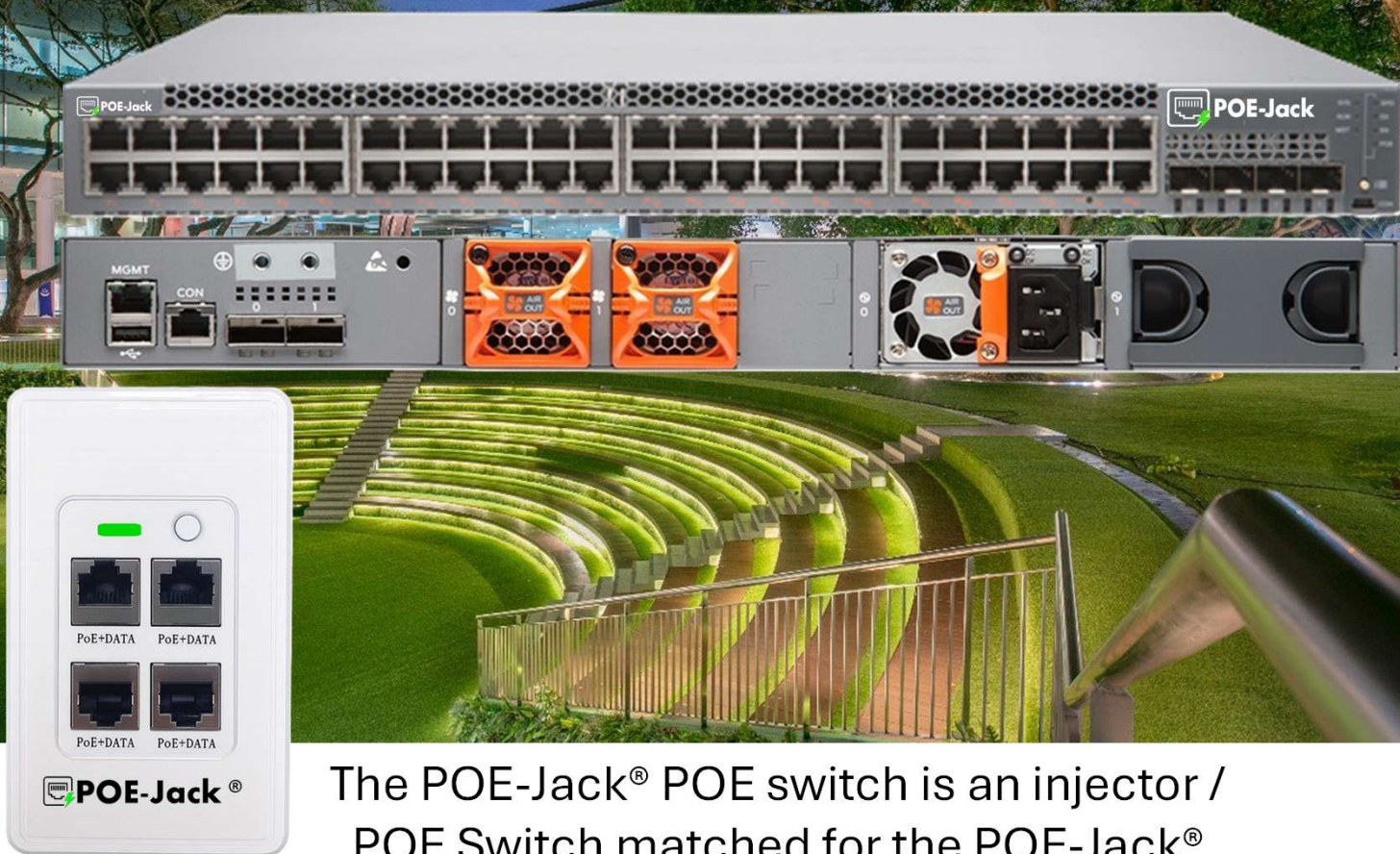
- 48-port 10/100/1000BASE-T (RJ45) Ultra90 PoE++ with 3,600w PoE budget
- 2-port 100GbE/40GbE (SFP+)
- Compatible 802.3af (15.4W), 802.3at (30W), 802.3bt (60, 75 and 90W)
- Hot-swappable, load-sharing, redundant AC PSUs. (C14 inlets)
- Hot Swappable Fans
- AFO (front-to-back airflow)
- High PoE budget - supports demanding IoT/access point. POE Jack® deployments
- 100G uplinks - future-proof aggregation links
- Standards-based micro segmentation using group-based policies (GBP)
- Switching capacity: 696 Gbps
- Flow-based telemetry to monitor traffic flows for anomaly detection
- Precision Timing Protocol- Transparent clock
- Offering a full suite of Layer 2 and Layer 3 capabilities
- Variety of deployments, campus, branch, enterprise and data center.
- Dimensions (WxDxH): 17.4 x16.9"x 1.7" (1U)
- cUL, FCC Listed

Use part # POEJK-S48-3600-TAA for TAA Model



*Specifications subject to change
**June 2022

740 Watts



The POE-Jack® POE switch is an injector / POE Switch matched for the POE-Jack®



POEJK-S48-740

PoE Budget: 740W

- 48-port 10/100/1000BASE-T (RJ45) PoE+ with 740w PoE budget
- 2-port 10GbE/40GbE (SFP+)
- Compatible 802.3af (15.4W), 802.3at (30W)
- Hot-swappable, load-sharing, redundant AC PSUs optional (C13 inlets)
- Hot Swappable Fan
- AFO (front-to-back airflow)
- PoE budget - supports POE-Jack® deployments
- 168 Gbps (unidirectional)/336 Gbps (bidirectional)
- Comprehensive Layer 2 functionality with RIP and static routing is provided
- Variety of deployments, campus, branch and enterprise
- Dimensions (WxDxH): 17.4 x13.8"x 1.7" (1U)
- cUL Listed



*Specifications subject to change
**June 2022



The POE Jack® POE switch is a high wattage POE
And matched for the POE Jack®

POEJK-S48-750E



48 of 10/100/1000Base-T ports and 4x 10G SFP+ ports for transmitting data at extreme speeds. It's also a layer-3 managed switch, allowing you to route packets between different subnets and manage your network effectively. Ports 1-4 can supply up to 90W of power (PoE++) to devices, while ports 5-48 deliver up to 30W for regular POE Jack®, IP cameras, phones, and access points.

Toggle switch that allows you to activate four functions:

- VLAN: Ports 1-48 will be unable to communicate with each other. They can only pass data to the uplink.
- Extend: Ports 1-4 can transmit power and data up to 250m over Cat5e or Cat6 cable – however the network
- Watchdog: If a network port has a data link for 2-3 minutes WITHOUT data transmission, the port will automatically reboot. This will attempt to reboot and fix the camera's connectivity issue.
- QOS: The ports with a yellow color underneath will have a higher priority than other ports. This is helpful if these ports are used to connect POE Jack®, Wireless APs or directly to a computer.

- ✓ 48 PoE+ injectors and 750W built-in power supply
- ✓ Compatible with IEEE802.3af and IEEE802.3at
- ✓ 48 10/100/1000Base-T ports + 4 10Gigabit SFP+ Uplinks
- ✓ High backplane bandwidth of 176 Gbps
- ✓ PoE Power Output(Per Port): 54VDC, 90W MAX, 1~4Ports, 30W MAX, 5~48Ports
- ✓ IEEE 802.3x Flow Control
- ✓ Auto-MDI/MDIX
- ✓ 6KV Surge Protection
- ✓ cUL Listed

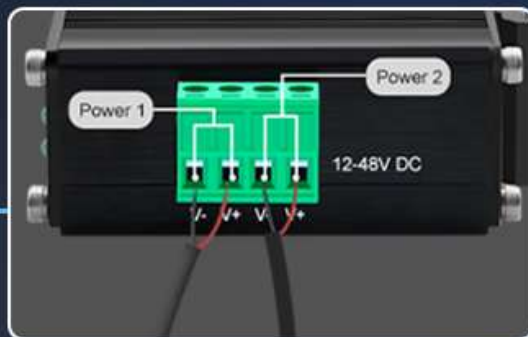
 **POE-Jack®**



*Specifications subject to change
*June 2022

Dual Redundant Power Input Design

DC Input Voltage — 12V — 24V — 48V
Total PoE Output Wattage(Max) — 60W — 90W — 120W



* Power Supply not included, need to purchase separately. Use 12V 120W and above Power Supply are fine.



 **POE-Jack**®

Industrial POE Switches
www.POEjack.com

Gigabit PoE+ Support

Compliant with IEEE802.3af/at PoE Standards Support 120W
Output Power for 4 PoE Ports

15.4W

PoE(IEEE802.3af)



802.11n APs



IP Phone



IP Camera

30W

PoE+(IEEE802.3at)



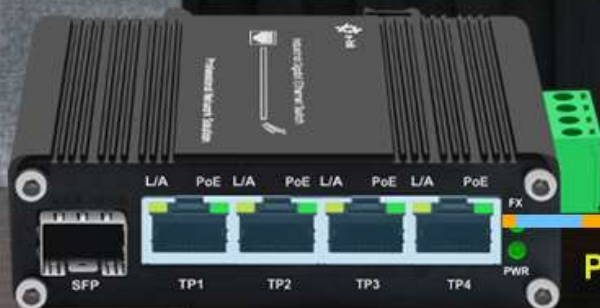
IP Video phone



802.11ac (WiFi5) APs



PTZ HD IP Cameras



Power + Data



Voip Phone



Wireless AP



PoE Camera

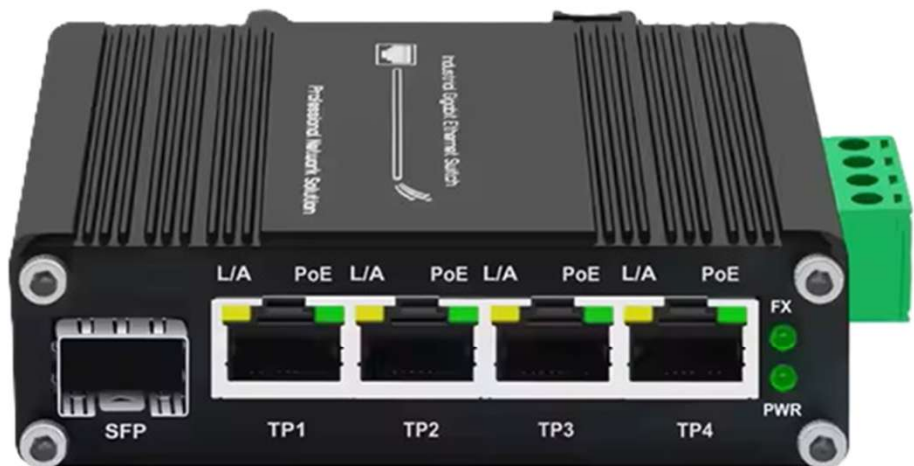


Printer

www.POEjack.com



POE+ Switch 802.3/at w/SFP

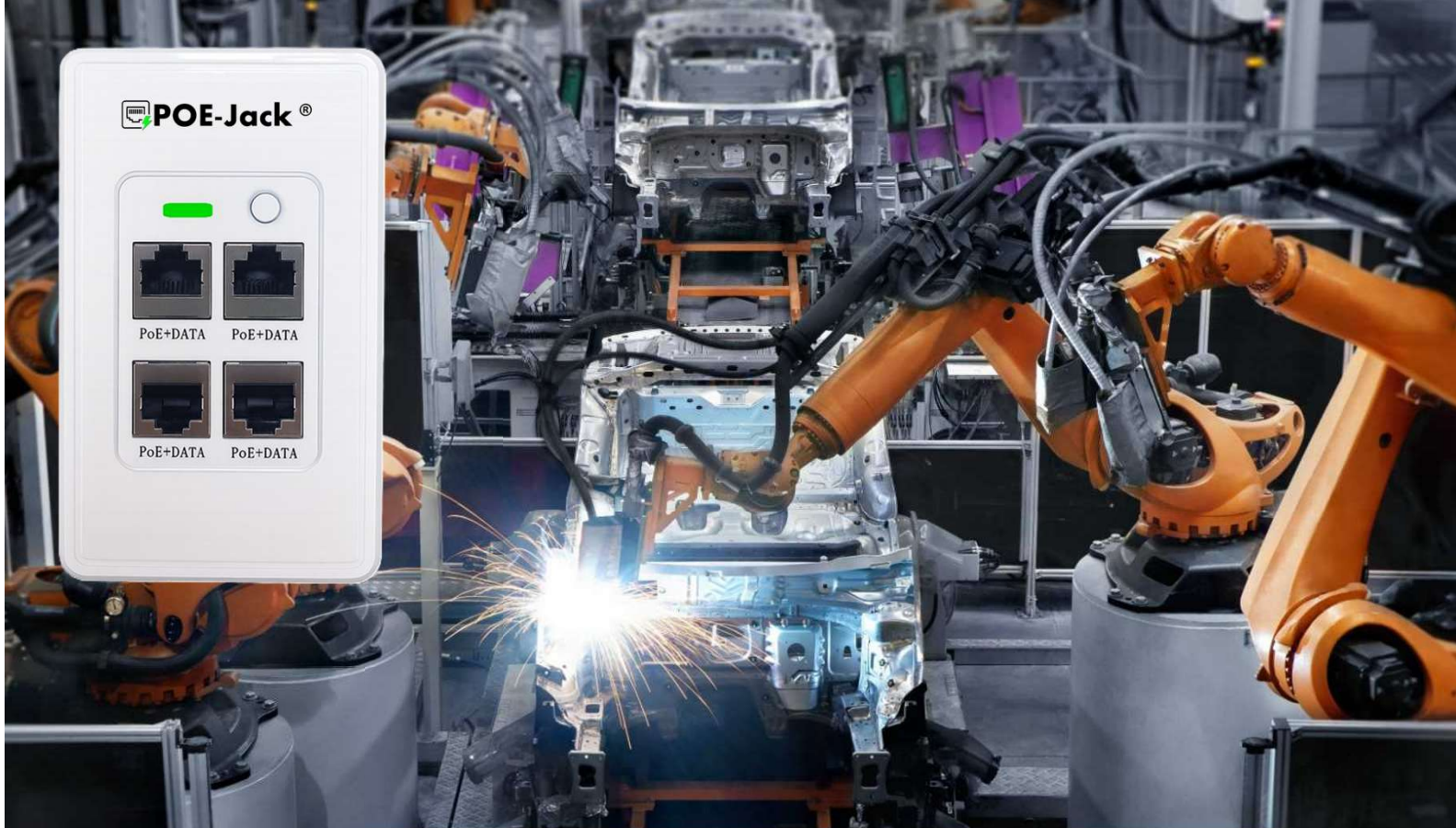


POEJK-S4SFP-120

- Industrial Gigabit Ethernet Switch PoE Switch – Unmanaged
- Dual redundant power input (POEJK-PS48-150, POEJK-PS48-200 or POEJK-PS48-240 sold separately)
- 4 ports with 802.3af/at PoE+ injector function (Ports 1 to 4)
- Transmission rate 10/100/1000Mbps
- 1 Port Uplink SFP 1000Base-X or 100Base-FX (auto detection)
- SFP sold separate (SF-SMLC or SF-MMLC)
- Input power 12~48VDC
- Output power up to 48V DC Output
- Mounting Options: DIN-Rail / Wall-mount / Shelf
- Rugged high-strength Aluminum housing, IP40
- Operating Temperature -40°C to 80°C (-40°F to 176°F)



*Specifications subject to change
**June 2022



 **POE-Jack®**



POEJK-S4-120

- Industrial Gigabit Ethernet Switch PoE Switch – Unmanaged
- Dual redundant power input (POEJK-PS48-150, POEJK-PS48-200 or POEJK-PS48-240 sold separately)
- 4 ports with 802.3af/at PoE+ injector function (Ports 1 to 4)
- Transmission rate 10/100/1000Mbps
- 1 Port Uplink
- Input power 12~48VDC
- Mounting Options: DIN-Rail / Wall-mount / Shelf
- Rugged high-strength Aluminum housing, IP40
- Operating Temperature -40°C to 80°C (-40°F to 176°F)



*Specifications subject to change
**June 2022



 **POE-Jack®**



POEJK-S8-240

- Industrial Gigabit Ethernet Switch PoE Switch – Unmanaged
- Dual redundant power input (POEJK-PS48-200 or POEJK-PS48-240 sold separately)
- 8 ports with 802.3af/at PoE+ injector function (Ports 1 to 4)
- 240w POE Budget
- Transmission rate 10/100/1000Mbps
- 2 Ports Uplink
- Input power 48~57VDC
- Mounting Options: DIN-Rail / Wall-mount / Shelf
- Rugged high-strength Aluminum housing, IP40
- Operating Temperature -40°C to 80°C (-40°F to 176°F)



*Specifications subject to change
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Injectors



POEJK-I1-24

24 Watt Single Port
POE Injector
Gigabit



POEJK-I1-60

60 Watt Single Port
POE Injector
Gigabit



Power Supplies



POEJK-PS48-150

150 Watt, 48vDC
Power Supply



POEJK-PS48-200

199.6 Watt, 48vDC
Power Supply



POEJK-PS48-240

240 Watt, 48vDC
Industrial DIN Rail
Power Supply

POEJK-PSCORD

Power Cord for POEJK-PS48-240



POE-Jack® POE Splitters



POEJK-S524B

POE Splitter

Gigabit IEEE802.3af/at

PoE/IN:44-57V(30W)

DC/OUT:5V/4A (20W)

DC5.5*2.5mm barrel connector

c/w DC5.5*2.1mm adapter

c/w DC3.5*1.35mm adapter

c/w DC2.5x0.7mm adapter



5.5*2.1mm

3.5*1.35mm

2.5*0.7mm

POEJK-S1224B

POE Splitter

Gigabit IEEE802.3af/at

PoE/IN:44-57V(30W)

DC/OUT:12V/2A (24W)

DC5.5*2.5mm barrel connector

c/w DC5.5*2.1mm adapter

c/w DC3.5*1.35mm adapter

c/w DC2.5x0.7mm adapter



POEJK-S1230B

POE Splitter

Gigabit IEEE802.3af/at

PoE/IN:42-57V(36W)

DC/OUT:12V/3A (30W)

DC5.5*2.5mm barrel connector

c/w DC5.5*2.1mm adapter

c/w DC3.5*1.35mm adapter

c/w DC2.5x0.7mm adapter





POEJK-USB-C

Gigabit Ethernet POE++ RJ45 to USB-C

POE++ LAN Network Adapter 802.3af/at/bt

POE Input voltage: 44-57V

Max wattage: 45w

DC Output: 5V3A 9V3A 12V3A 15V3A 20V2.25A self-adaptation

Application: Charging & Communication for Laptop, Tablet PC, Mobile phone, Point of Sale, Digital Signage, Monitors & More



POEJK-USB-i

Gigabit Ethernet POE RJ45 to USB c/w lightning adaptor

POE LAN Network Adapter 802.3af

POE Input voltage: 37-57V

Max wattage: 10w

DC Output: DC/OUT: 5V/2A (10W)

Application: Charging & Communication for Tablet PC, Mobile phone, Point of Sale, Digital Signage, Monitors & More



GRID
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**June 2022

Magnetic Levitation Pen

Multi-functional design gives you more fun and convenience



Floating Pen



Docking



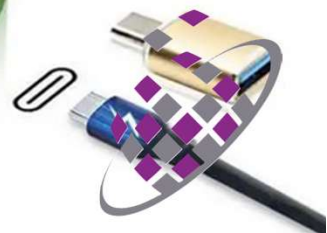
Stylus Pen



POEJK-DOCK1



POE-Jack®



GRID

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 **POE-Jack®**



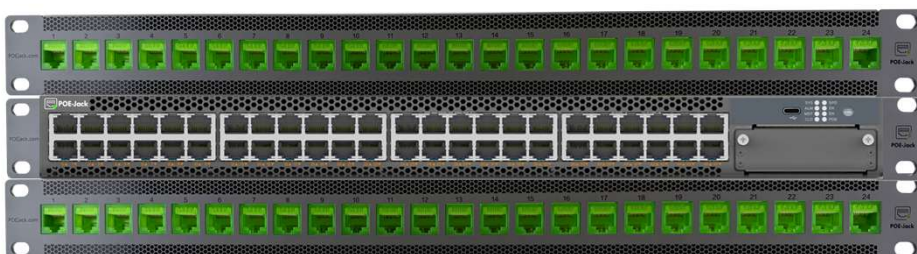
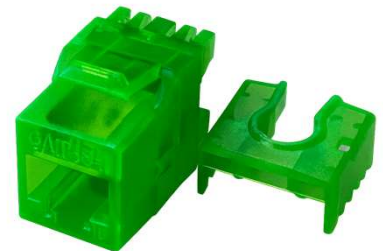
POEJKPP6-24 24 Port Patch Panel

Overview

Category 6A “CAT6A / CAT6” 1U 24-Port, 110-Type UTP, 10G / 1G Patch Panel is component compliant to ANSI/TIA Category 6A /6 connecting hardware requirements.

Features

- 24-Port, 1U rack mount
- 110-Type IDC accepts UTP wire gauge 21-24 AWG Cat6a Jacks
- Translucent jacks with LEDs that are traceable using tracing tool (POEJK-LEDT)
- 50 Micron gold plated pins
- Performance designed for 802.3/bt 100w POE++
- Universal T568A/B wiring
- Includes rear cable management bar
- ANSI/TIA-568-C
- RoHS
- Use for Cat6E, Cat6, Cat5e UTP cable



*Specifications subject to change
**June 2022



POEJK-GR LED Tracing Cat6a/Cat6e/Cat6 Keystone Jack

Overview

Category 6A "CAT6A" 110-Type UTP Keystone Jack

- 110-Type IDC accepts UTP wire gauge 21-24 AWG Cat6a Jacks
- 50 Micron gold plated pins
- Performance designed for 802.3/bt 100w POE++
- Universal T568A/B wiring
- UL Listed

POEJK-LEDT



LED Jacks (Loaded Patch Panel) for Easy Network Identification and Troubleshooting

Troubleshooting dense network installations can be time-consuming, but our RJ45 LED Cat6a / Cat6e / Cat6 Jacks / patch panel is equipped with LED indicators on each jack, simplifying the process. When connected to our LED tester, the LED indicator lights up even when using standard patch cords. This feature is ideal for data centers, telecommunications rooms, and enterprise networks, allowing engineers to instantly locate ports and reduce maintenance time. By enabling rapid cable tracing and seamless port identification, this LED solution enhances workflow efficiency and ensures reliable network performance.

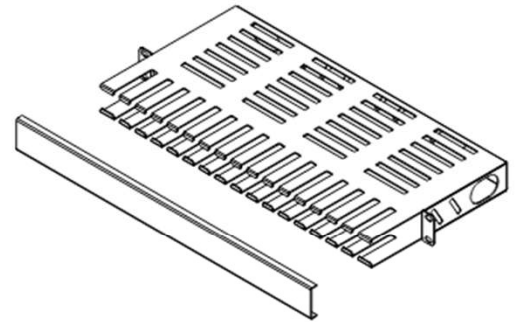
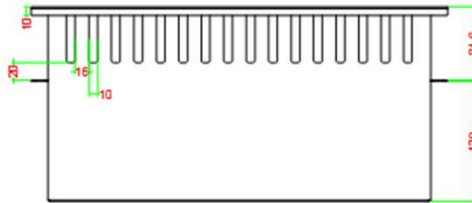
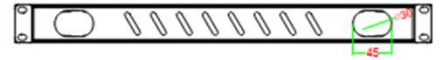
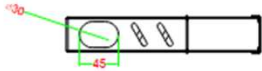
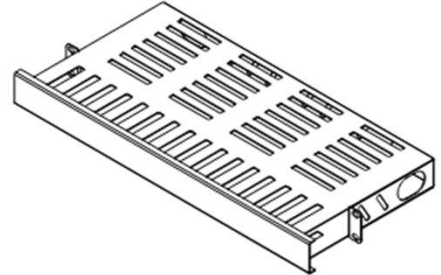
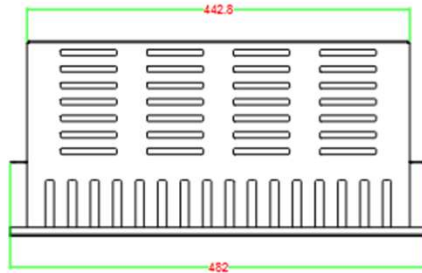


*Specifications subject to change
**June 2023



POEJK-WM1U

1U Clean Patch Wire Manager



POE-Jack® 1U Clean Patch Wire Manager BOX

Our cable managers provide just the right amount of storage to easily house those 2ft cables using single coil, bend radius compliant loops. It provides a smooth distribution on the front and rear corners for access to rear vertical management.

Use with POE-Cable® 2ft Patch Cords

SPRING 2026

POEJKSPP-24

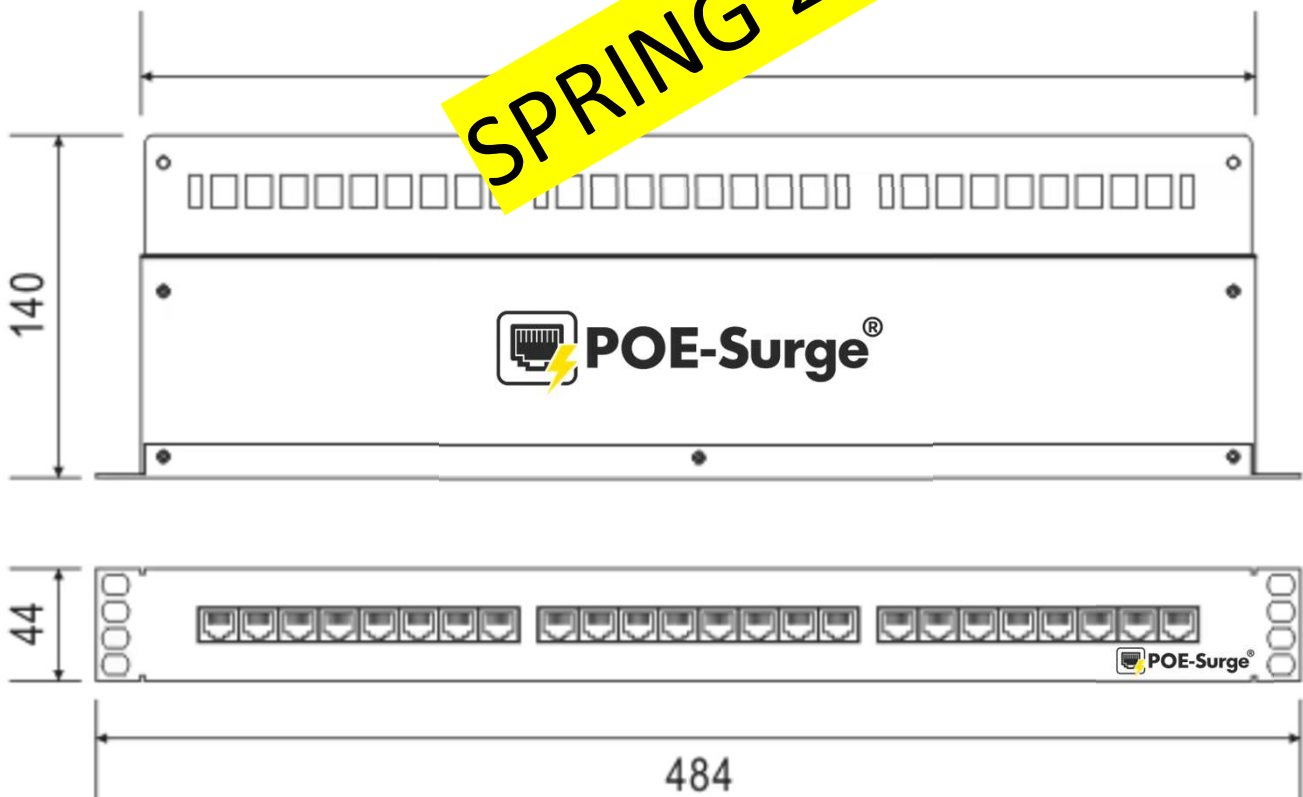
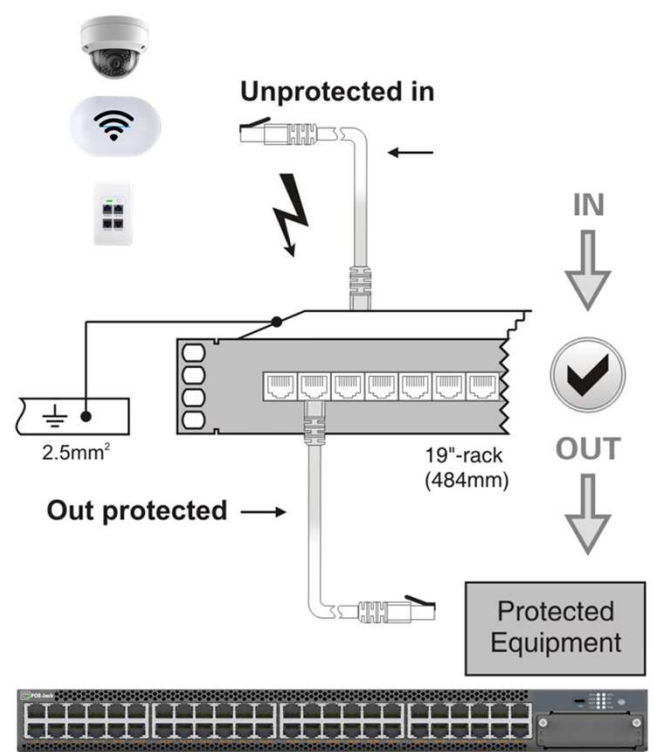
24 Port Surge Patch Panel

Overview

Use for IP Cameras, WAPs – Wireless Access Points, Point to Point Wireless, Active POE-Jacks and or other devices that may be at risk from surges.

Features

- 24-Port, 1U racks, rack mountable
- 50 Micron gold plated pins
- Performance designed for 802.3 af/at , POE, POE+
- Compatible with 1 GbE networks supports up to PoE+
- 10kA Surge Discharge per port
- RJ45 Device input ports on the back with wire management bar
- RJ45 Device output ports on the front to patch to Protected Equipment like POE Switches



POE-Jack®



Features

- Cat6 / Cat6e / Cat6a UTP 2piece, 3 prongs, 50u'
- Staggered Slide insert
- Max Conductor ID: 1.17MM / 0.046"
- Solid or Stranded 23 AWG
- Meets ANSI/TIA Specifications
- Compliant with PoE and PoH Standards
- 50 micron fully gold plated contacts
- UL, RoHS, FCC compliant



POEJK6A-VI



Max LAN Cable OD
7.0 mm

CONDUCTOR ID
MAX1.15 mm

23
AWG SOLID OR
STRANDED

Unshielded

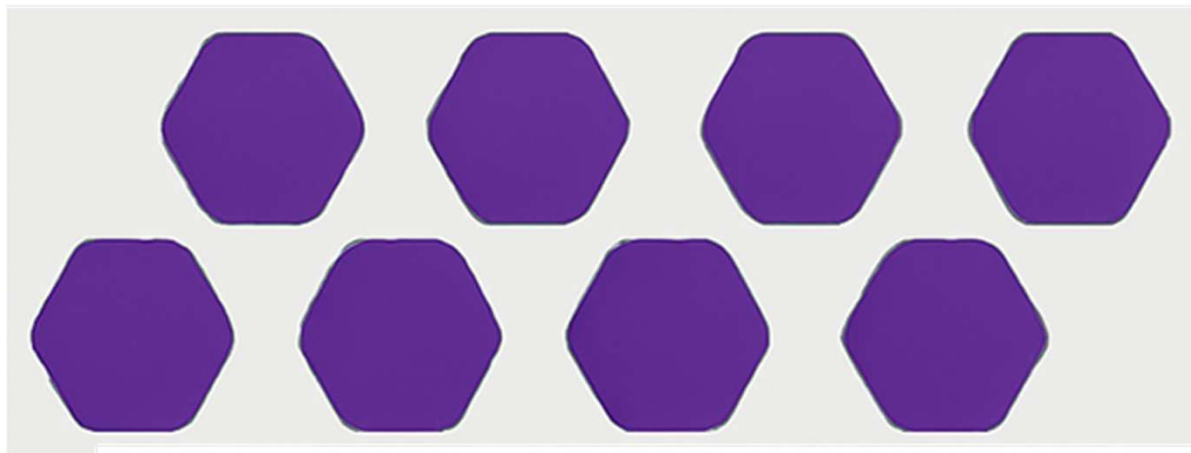
POEJK-CRIMP RJ45 Crimp Tool



*Specifications subject to change
**June 2022

POE-Jack®

Staggered Sled insert
to prevent arcing and shorting
Minimizing crosstalk

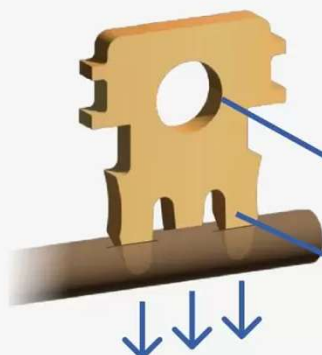


Features

- Cat6 / Cat6e / Cat6a UTP 2piece, 3 prongs, 50u'
- Staggered Slide insert
- Max Conductor ID: 1.17MM / 0.046"
- Solid or Stranded 23 AWG
- Meets ANSI/TIA Specifications
- Compliant with PoE and PoH Standards
- 50 micron fully gold plated contacts
- UL, RoHS, FCC compliant



POEJK6A-VI



Crosstalk Reduction

Hollow Hole Design

3 Prong Contact Pin

Max LAN Cable OD
7.0 mm

CONDUCTOR ID
MAX1.15 mm

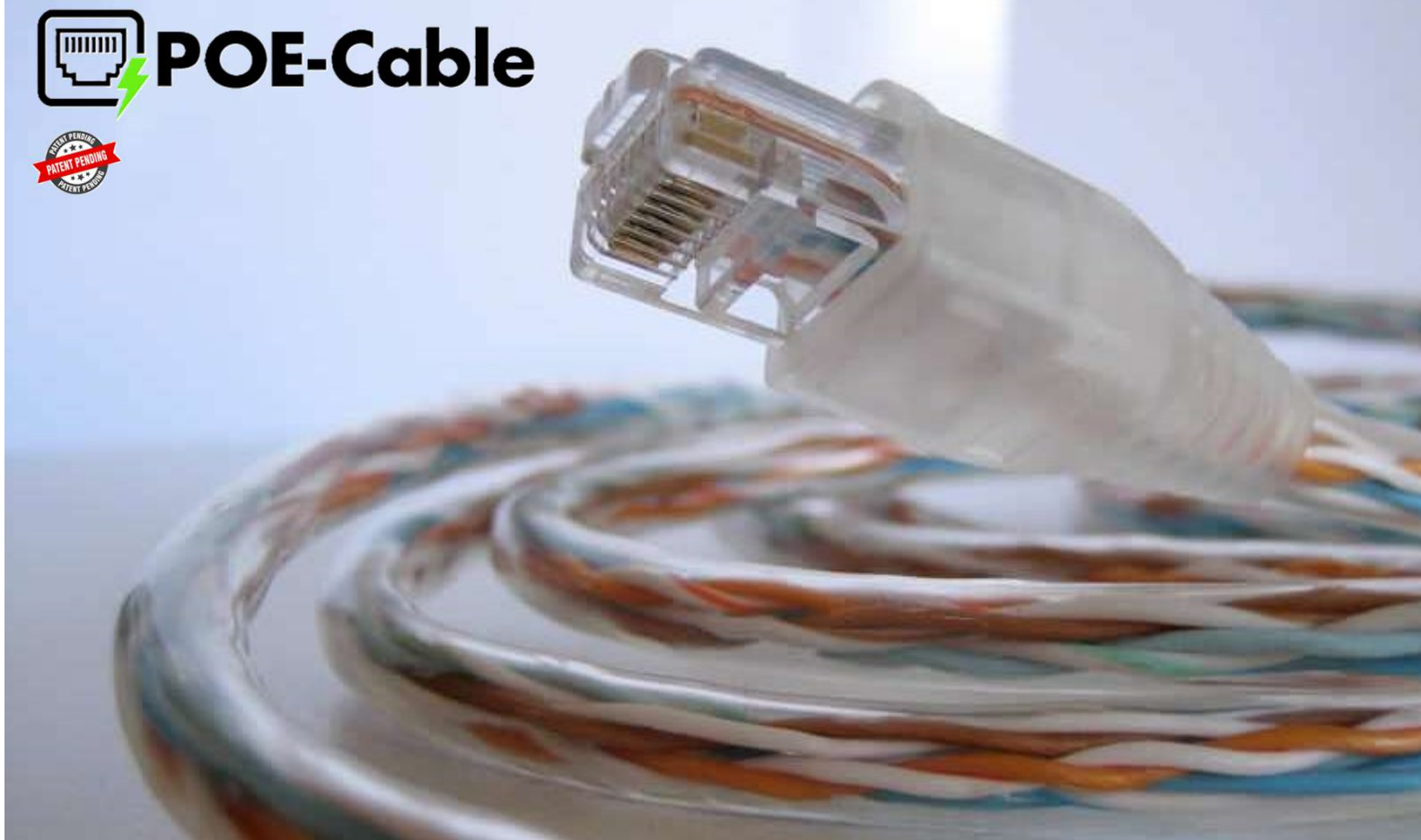
 **23**
AWG SOLID OR
STRANDED

 **Unshielded**



*Specifications subject to change
**June 2023

POE-Cable



Length

6in

1ft

2ft

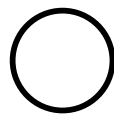
3ft

6ft

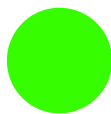
9ft

25ft

50ft



CL



GR



VI

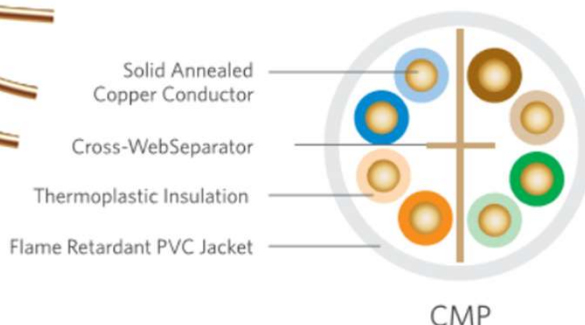
POEJK6E-XXX-__+

10G


**SlimPatch Cat6E POE++ 802.3/bt
Ethernet Patch Cable - Snagless RJ45,
Stranded, 550MHz, UTP, Pure Bare
Copper Wire, 10Gig, 28AWG**



Cat6E



Storage/Operating Temperature :	-40°C to +200°C (-40°F to 392°F)
Conductor	Solid Annealed Copper, 23awg (.57mm), 4 pair
Jacket / Conductor Insulation	Low Smoke FEP / FEP
Character Impedance :	100Ω ±15Ω
Velocity of Propagation	75%
Jacket Application	Indoor / Outdoor / Industrial / Plenum / UV Resistant / Moisture / High Temp / LEED
Sustainability	UL Certified EPD, HPD, RoHS, RoHS-2, REACH
Performance	NFPA 262, ANSI/TIA-569-2-D, Article 800, NEC (NFPA 70)
NRTL	UL Verified 6, UL / c(UL) Listed CMP
Max. Recommended Pull Tension :	25 lbs.
Min. Bend Radius (Installed) :	0.75"
RoHS Compliant :	1000 FT (304.8 meters)
Packaging :	Reel in a Box
Color :	White outer jacket
Country of origin :	Made in the USA



Plenum
CMP (NFPA 262)



POE-Cable

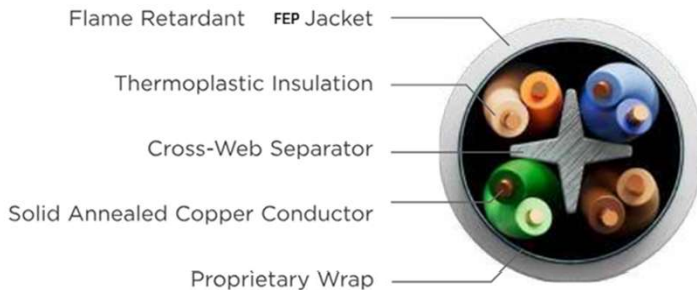
Cat6A

POE-Jack® Cat6 UTP Cable
POEJC6A-CMP



10 Gbps

650 MHz



Install/Operating Temperature :	Install: 2°C to 50°C (36°F to 122°F) Operating: -20°C to +60°C (-4°F to 140°F)
Conductor	Solid Annealed Copper, 23awg (.57mm), 4 pair
Jacket / Conductor Insulation	FEP / FEP
Character Impedance :	100Ω ±15Ω
Velocity of Propagation	75%
Jacket Application	Indoor / Outdoor / Industrial / Plenum / UV Resistant / Moisture / High Temp / LEED
Sustainability	UL Certified EPD, HPD, RoHS, RoHS-2, REACH
Performance	NFPA 262, ANSI/TIA-569-2-D, Article 800, NEC (NFPA 70)
NRTL	UL Verified 6, UL / c(UL) Listed CMP
Max. Recommended Pull Tension :	25 lbs.
Min. Bend Radius (Installed) :	0.75"
RoHS Compliant :	1000 FT (304.8 meters)
Packaging :	Reel in a Box
Color :	WHITE outer jacket
Country of origin :	Made in the USA



Plenum
CMP (NFPA 262)



www.POEjack.com

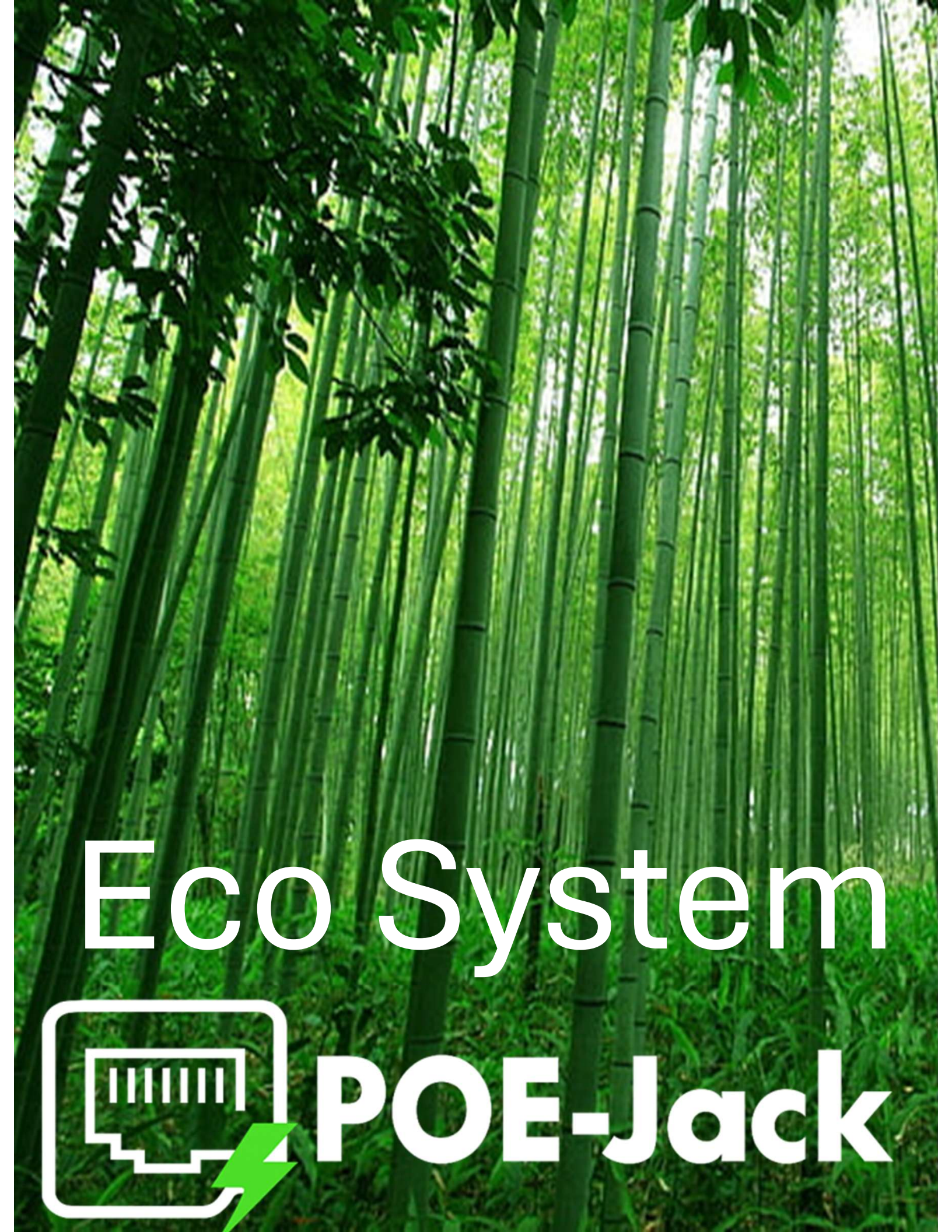
*Specifications subject to change
**June 2023

POE-Jack® Dropped Ceiling Consolidation Point Box

POEJK-CPBOX

- Put up to 4 **POE-Jack®** plates inside.
- Mount Wireless Access Point to hinged lid
- Mount A/V, Digital signage and other equipment inside
- 2 x 2 ft. Locking Suspended Ceiling Box
- Fits a standard 2-foot square or half of a 4x2-foot ceiling tile
- The storage enclosure replaces half standard ceiling tile, making it compatible with most commercial drop ceilings.
- Locking Door Panel: A lock and keys are included to ensure the security of any installed components.
- Multiple knockouts 1" & ¾" for ultimate flexibility.
- Two single gang two double gang porovisions
- Slotted mounting tray allows for fast and easy equipment mounting
- Lower your cabling costs by using this with **POE-Jack®** inside and patch cables down to workstations
- More flexibility
- Reduce future costs of MACs (Moves, Adds & Changes)





Eco System

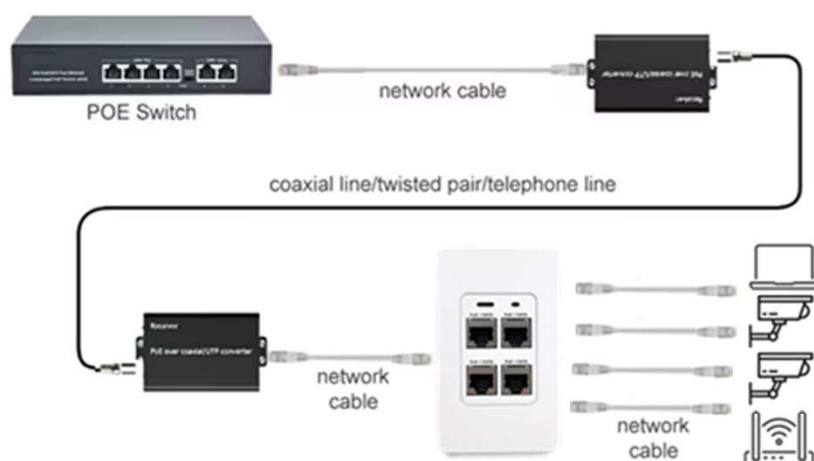


POE-Jack



IP/POE over Coax

Single Pair or Coax IP / POE Extender



POEJK-2WIRE

 **POE-Jack®**

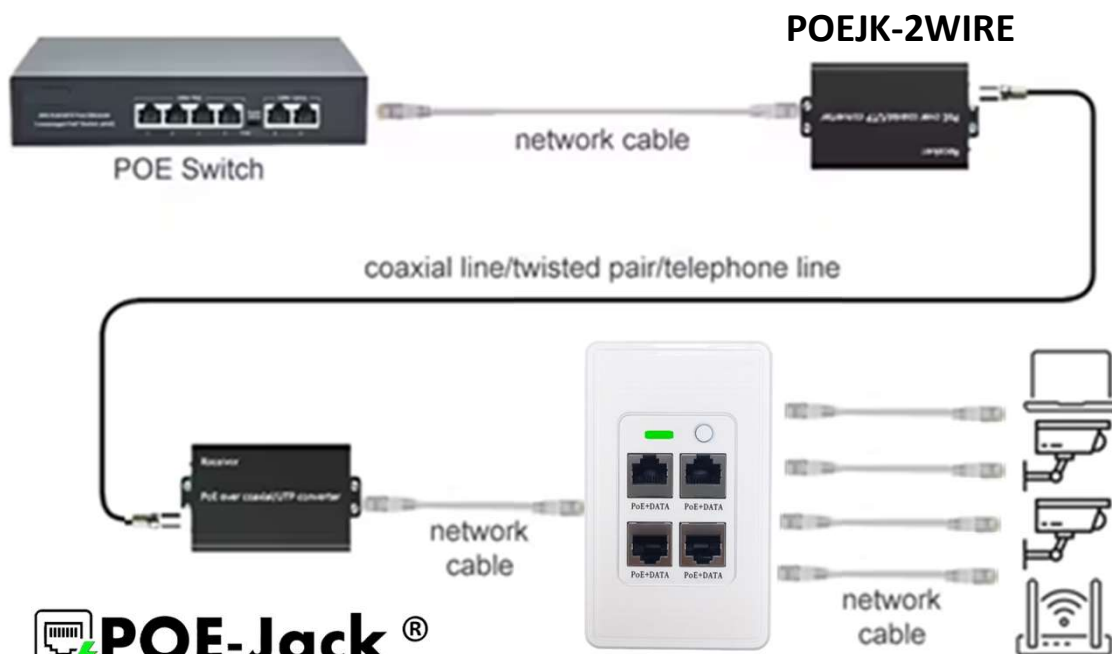




IP / POE Extender

Extends 10/100Mbps Ethernet data & POE/POE+ 802.3/at/af through single pair twisted pair cable or copper coaxial cable. The devices need to be used in pairs. The maximum transmission distance is 500 meters / 1640ft.

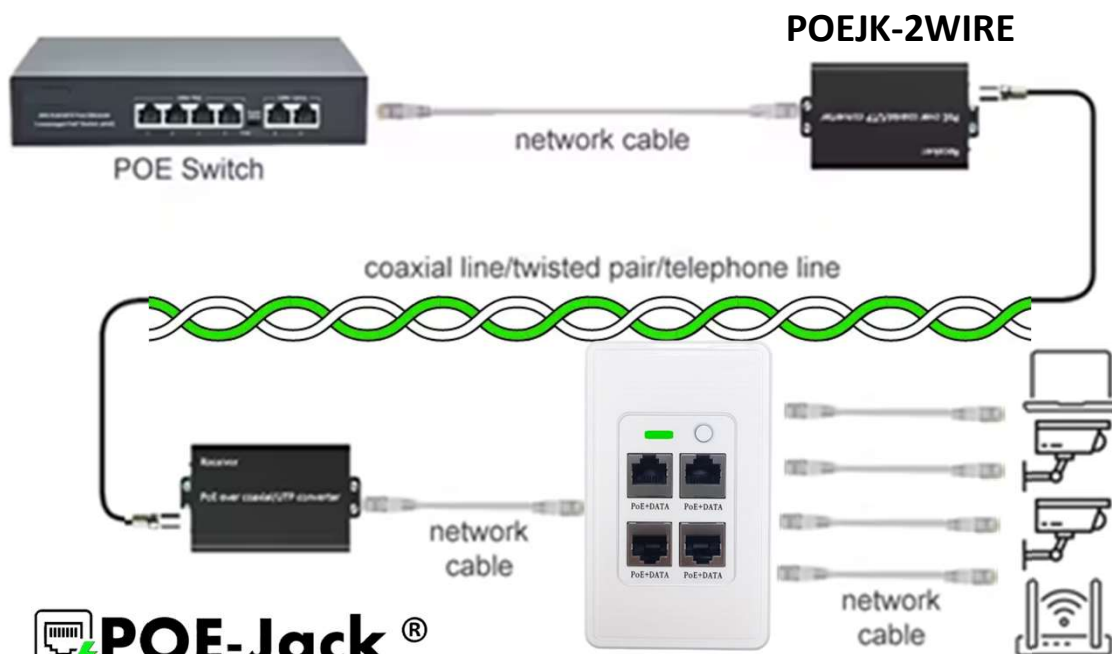
Requires 2-core pure copper wire pair or Copper Coaxial cable. POE is 30w max. Power Supplies can be used if POE is not present, DC44-57V (no power supplies included). BNC port for coax or 2*3.81mm Phoenix terminal for 2 wire.





Single Pair IP / POE Extender

Extends 10/100Mbps Ethernet data & POE/POE+ 802.3/at/af through 1 pair twisted pair cables or copper coaxial cable. The devices need to be used in pairs. The maximum transmission distance is 500 meters / 1640ft. Requires 2-core pure copper wire pair or Copper Coaxial cable. POE is 30w max. Power Supplies can be used if POE is not present, DC44-57V (no power supplies included). BNC port for coax or 2*3.81mm Phoenix terminal for 2 wire.





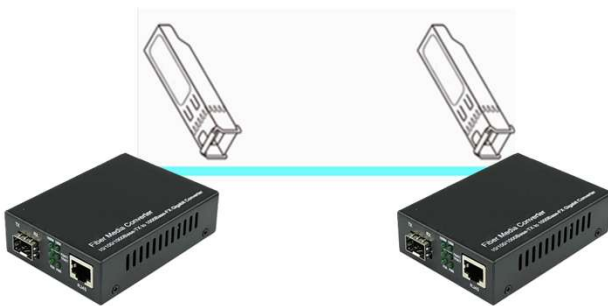
POE-Jack® Fiber POE Solution



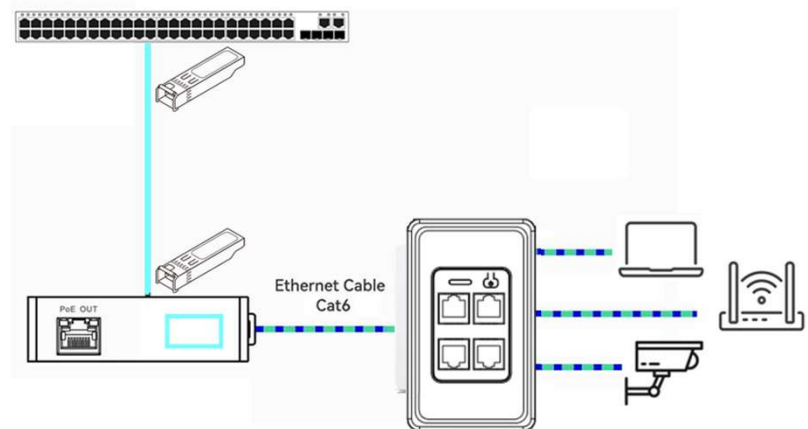
POEJK-FE1

PoE Media Converter extends the distance over fiber optic cabling to PoE-powered devices (PDs). Acted as Power Sourcing Equipment (PSE), these PoE Media Converters could quickly provide up to max 30W power to IP cameras, VoIP phones, access control devices, and wireless access points. Therefore, this PoE ethernet converter can reduce the cost of installing individual power supplies for each device. It also allows you to deploy PoE devices in locations far from AC outlets, such as poles or ceilings. Our PoE Media Converters have one or two RJ45 ports supporting the IEEE 802.3af PoE (15.4W of power) and IEEE 802.3at PoE+ (30W of power) standards.

- Power over Ethernet injector/source
- Models support PoE (15.4W) and PoE+ (30W)
- Fiber SFP port
- Extend network distances up to 160km (Transceiver Optional)



or



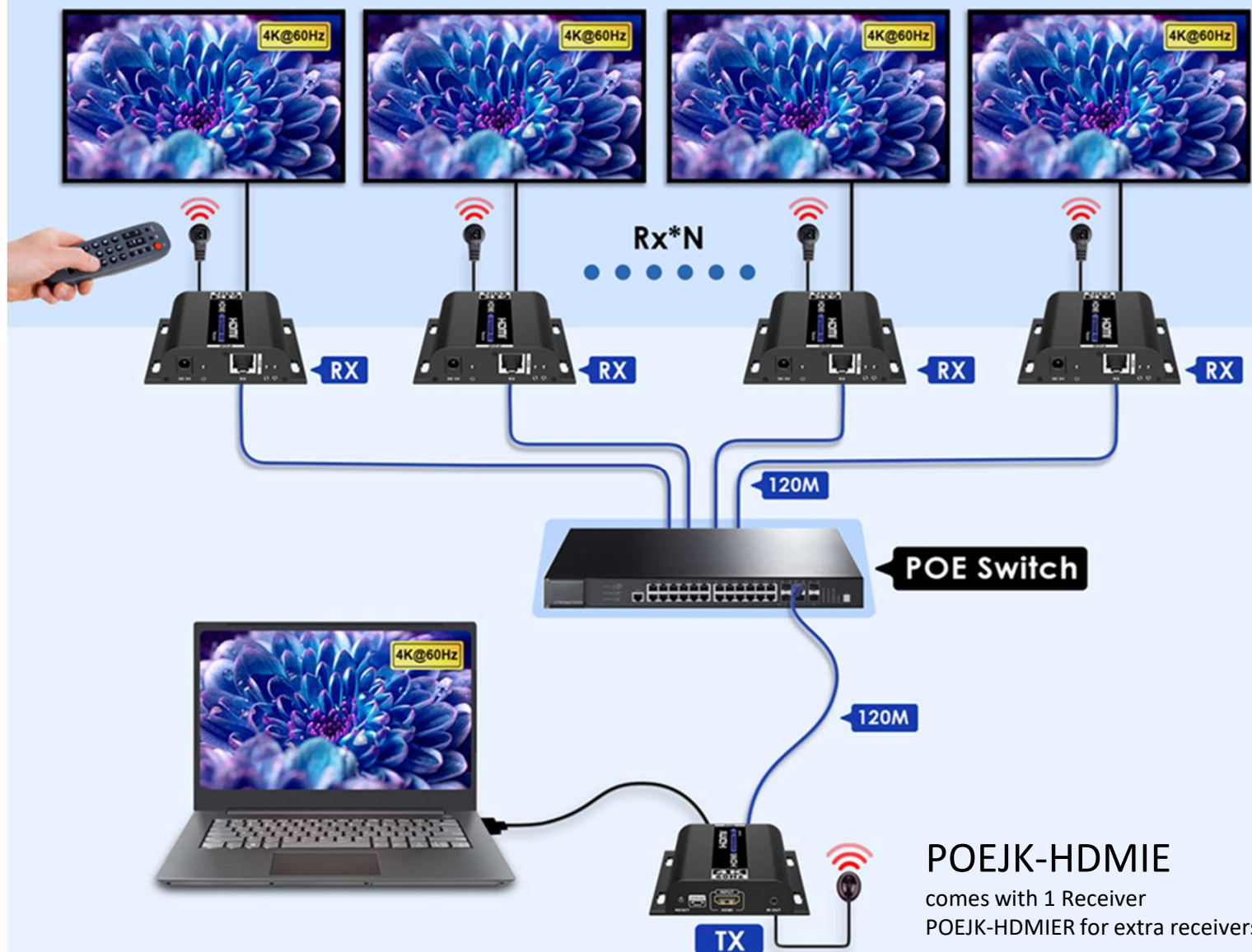
SF-MMLC 1000BASE-SX SFP Transceiver Module (MMF, 850nm, 550m, LC, DDM)
SF-SMLC 10GBASE-LR SFP+ Transceiver (SMF, 1310nm, 10km, LC, DDM)



*Specifications subject to change
 **June 2022



4K60 over 1G IP+ IR + POE CAT6 up to 200M HDMI Extender



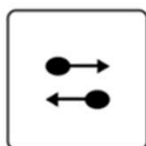
POEJK-HDMIE
comes with 1 Receiver
POEJK-HDMIER for extra receivers



4K@60Hz



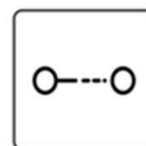
POE



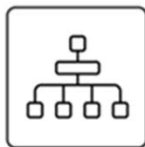
IR Pass-back



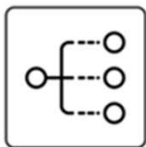
1G Ethernet



One to One
200M



One to One
One to Many
Switches Cascade



Double 120M



Wall-mounted
Design



Stable
24/7
Operation



Lightning Protection
Surge Protection
ESD Protection

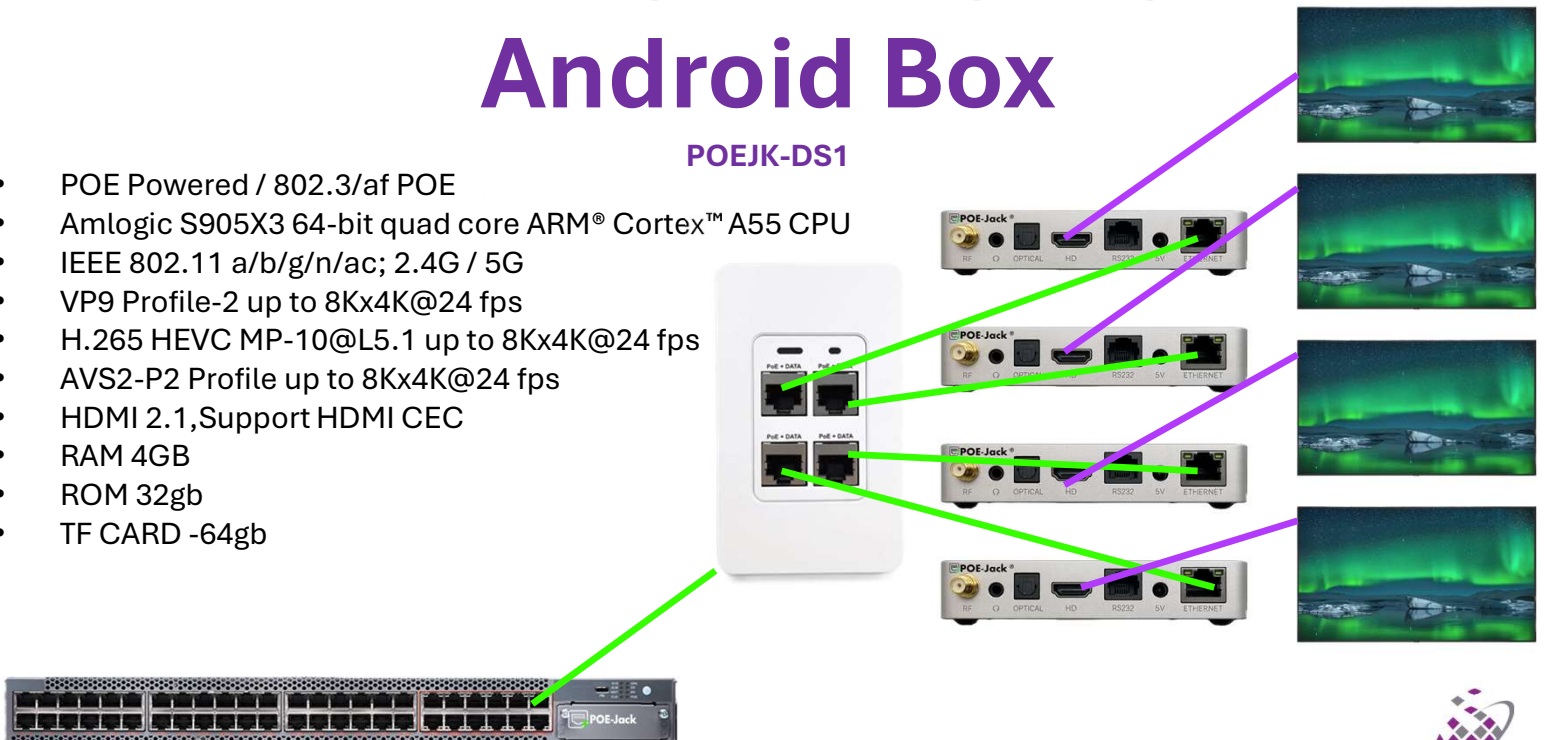
Digital Signage

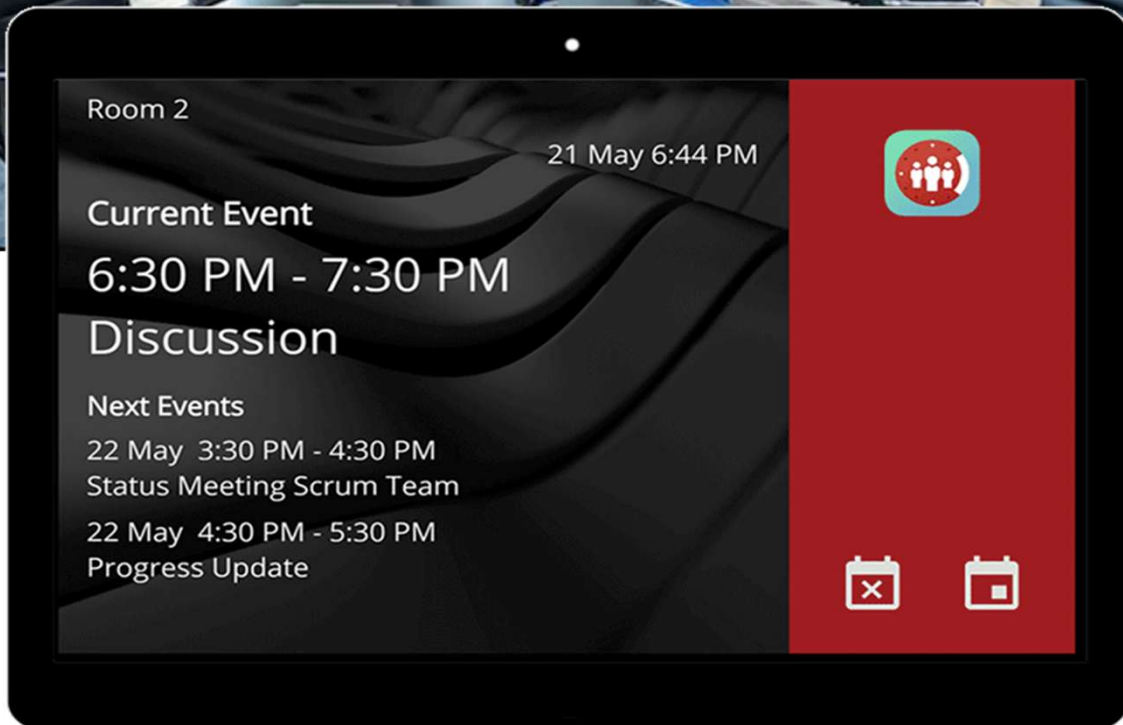


POE Digital Signage Android Box

POEJK-DS1

- POE Powered / 802.3/af POE
- Amlogic S905X3 64-bit quad core ARM® Cortex™ A55 CPU
- IEEE 802.11 a/b/g/n/ac; 2.4G / 5G
- VP9 Profile-2 up to 8Kx4K@24 fps
- H.265 HEVC MP-10@L5.1 up to 8Kx4K@24 fps
- AVS2-P2 Profile up to 8Kx4K@24 fps
- HDMI 2.1, Support HDMI CEC
- RAM 4GB
- ROM 32gb
- TF CARD -64gb





 POE-Jack®

POE Touchscreen for Meeting Room Booking Apps & Automations Apps

(Lighting, Shades, HVAC, Cameras, Intercom and more)

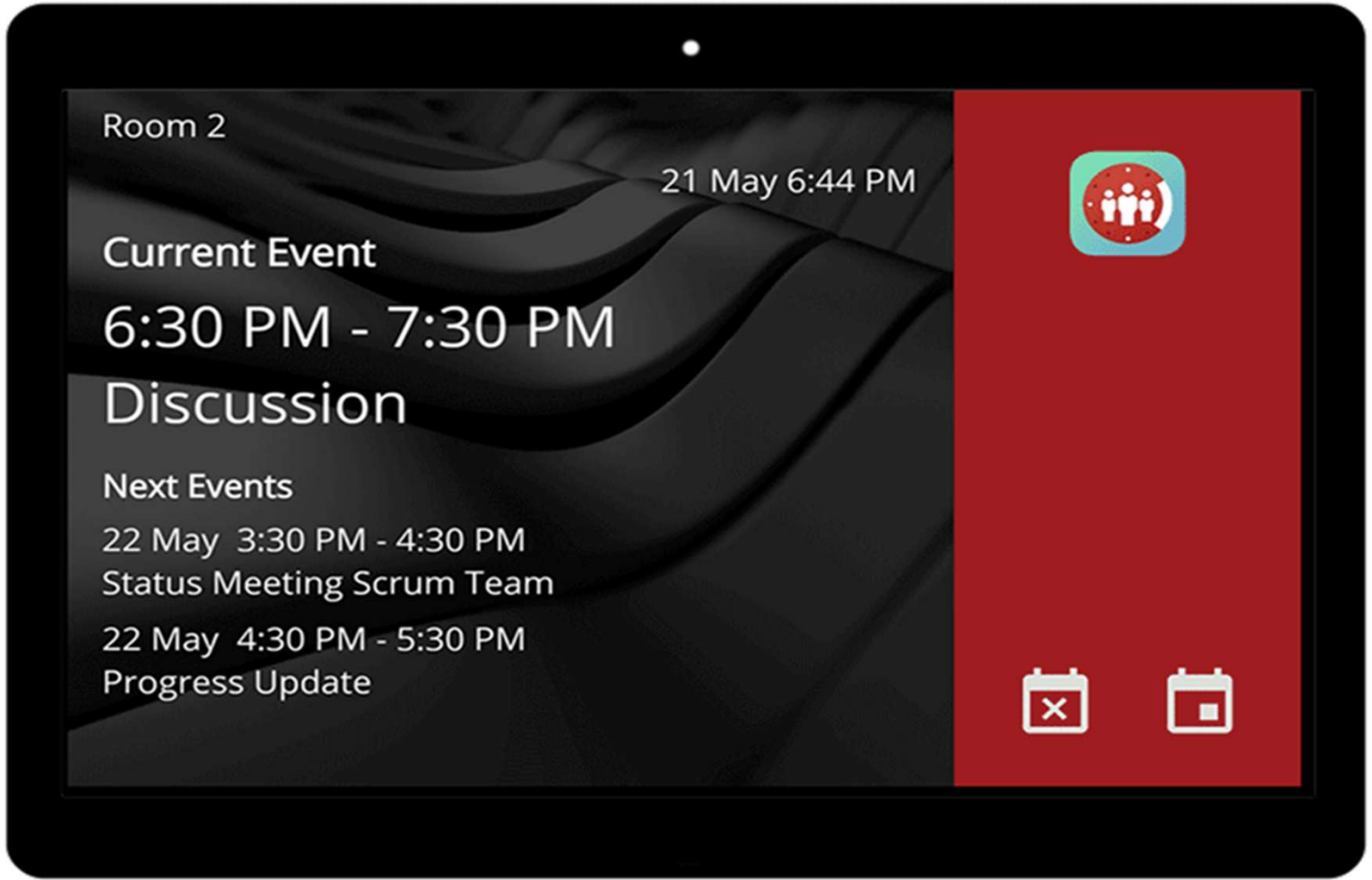
POEJK-TOUCH10-BK

www.POEjack.com



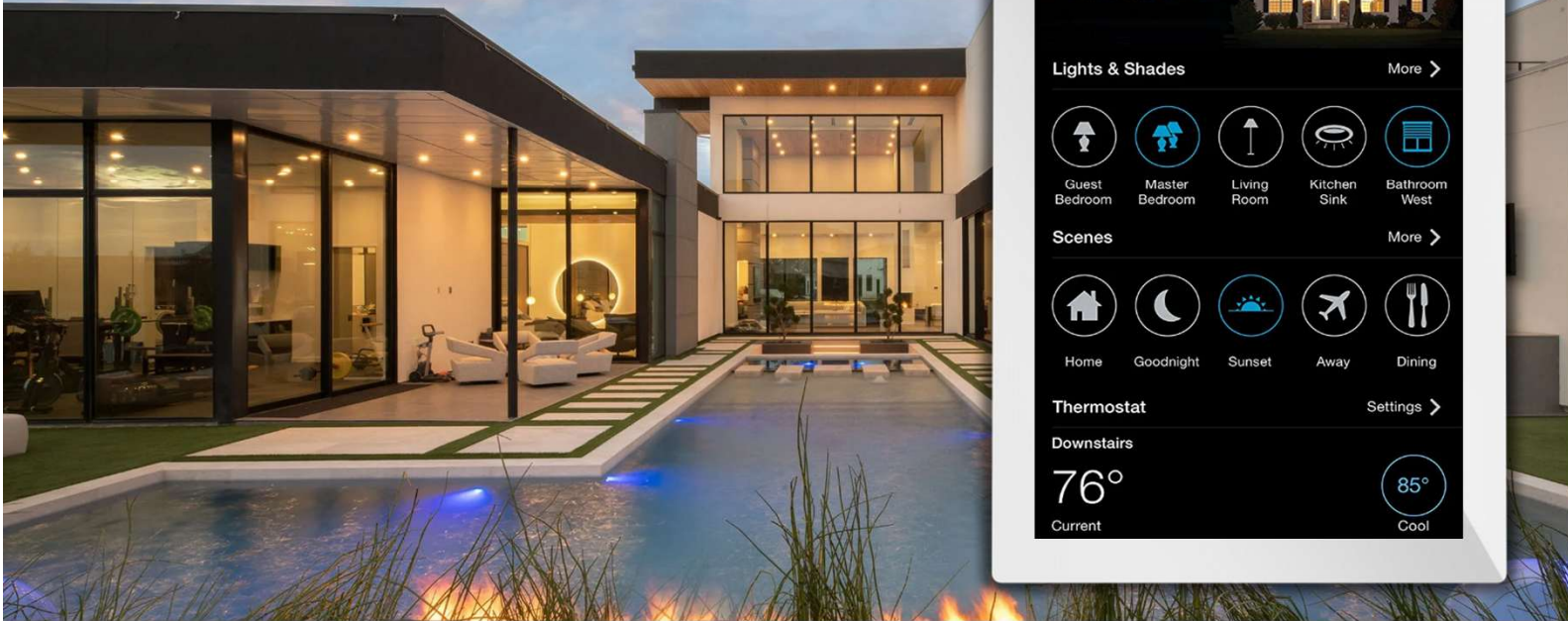


Meeting Room Booking Apps



 **POE-Jack®**

www.POEjack.com



POE Touchscreen for Home Automation

POEJK-TOUCH10-WH / POEJK-TOUCH10-BK



Build your own Home/Office Automation using our POE Touchscreen to run your favorite Apps

- 10" Touchscreen
- 1280x800 Resolution
- Wall mount Vertical or Horizontal
- 8 Gb RAM
- 64 GB Storage Memory
- POE Powered IEEE 802.3af
- Quad core processor
- POE Ethernet, 12vDC, RS485, Type C Connections
- 2 Mics, 2 Speakers
- TF Card slot for additional storage
- Ten point capacitive touch screen
- Clean flush mount with wall bracket
- Android Operating System
- FCC, IC, CE, ROHS
- Available in White or Black

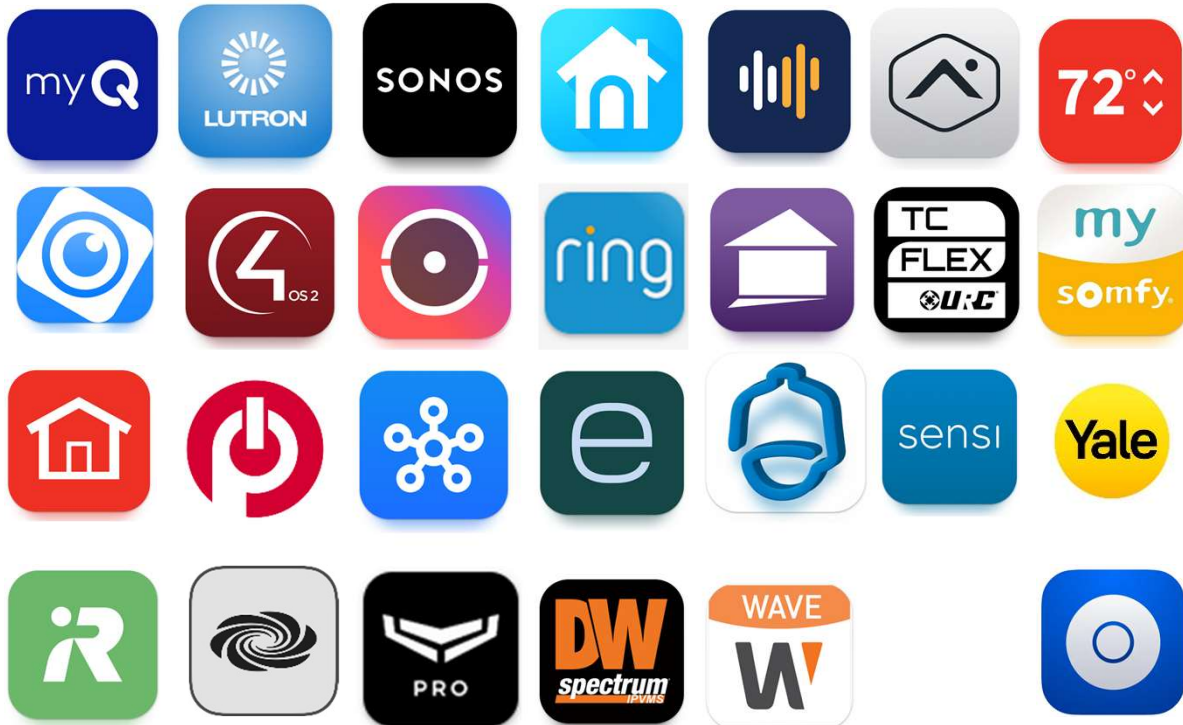


*This Android TouchScreen is not endorsed by, affiliated with, or sponsored by the Apps, Logos for Apps, Play Store, App Store owners

*Specifications subject to change
*June 2023



Build your own Home/Office Automation using our POE Touchscreen to run your favorite Apps



 **POE-Jack®**

www.POEjack.com





1/2" x 75 Feet, CableWrap

- CWS-75-1RL-BK Black
- CWS-75-1RL-BN Brown
- CWS-75-1RL-BU Blue
- CWS-75-1RL-GN Green
- CWS-75-1RL-GY Grey
- CWS-75-1RL-OR Orange
- CWS-75-1RL-RD Red
- CWS-75-1RL-VI Violet
- CWS-75-1RL-WH White
- CWS-75-1RL-YW Yellow



10 STANDARD COLORS AVAILABLE.
SPECIFY "RAINBOW" (RW) TO RECEIVE ALL COLORS



BLACK (BK)
BROWN (BN)
RED (RD)
ORANGE (O)

YELLOW (Y)
GREEN (GN)
BLUE (BU)

VIOLET (V)
GREY (GY)
WHITE (W)



GRID

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*Specifications subject to change
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1/2" x 600 Feet, CableWrap

- CWS600-BK Black
- CWS600-WH White



1/2" x 75 Feet, 10 Rolls on Spool - Rainbow, CableWrap

- CWS-75-1RL-RW10

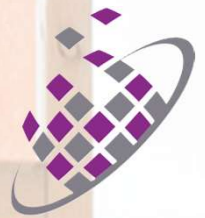
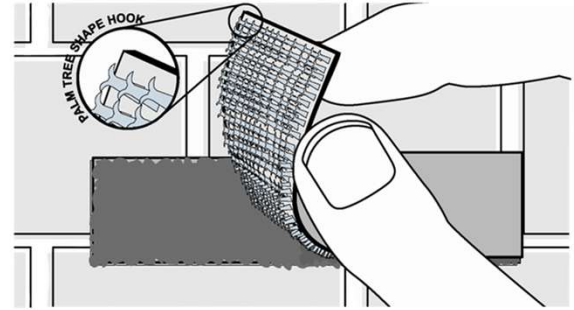


Device Mounting in Enclosures

ADHESIVE HOOK/LOOP MOUNT

EXT-1X4-BK - 1" x 4" - 10 Sets

- Excellent for temporary on site fastening instead of drilling.
- Mount items to rack shelves
- Mount items in home networking enclosures
- Mount items in electrical boxes
- For semi-permanent fastening jobs.



GRID

REMOVAL AND INSERTION

For installation and removal methods of cage nuts to and from a 10-inch or 19-inch network cable rack



ADJUSTABLE

The size can be adjusted with the screw to fit seamlessly to M4 cage nuts, M5 cage nuts or M6 cage nuts



Cage Nut Insertion / Removal Tool

•CAGE-TOOL

www.POEjack.com



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*Specifications subject to change
**June 2023



Fiber Optic Cleaner Pen

SF-CPLC For LC Connectors, up to 800 uses



SF-CPSC For SC Connectors up to 800 uses



SF-MPO-MPT For MPO/MPT Connectors



SF-KS Fiber Optic Aramid/Kevlar Scissors



POEJK-MULTI Multi Screwdriver / Ratchet



POEJK-MINI Mini Multi Screwdriver



*Colors subject to change



 **POE-Jack®**



POEJK-CRIMP RJ45 Crimp Tool



POEJK-CUTTER 5" Flush Cutter

POEJK-PUNCH
110 Punch Down Tool



POEJK-LEDT

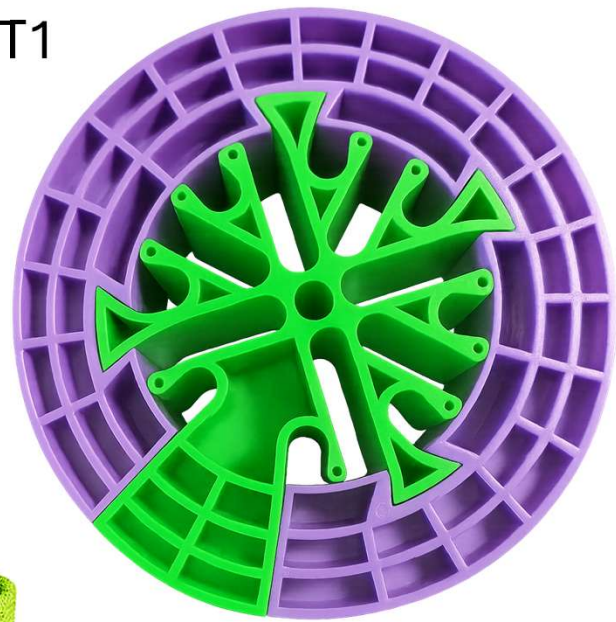
RJ45 TESTER: Automatically run tests and checks for continuity, open, shorted, and crossed wire pairs.





 **POE-Jack®**

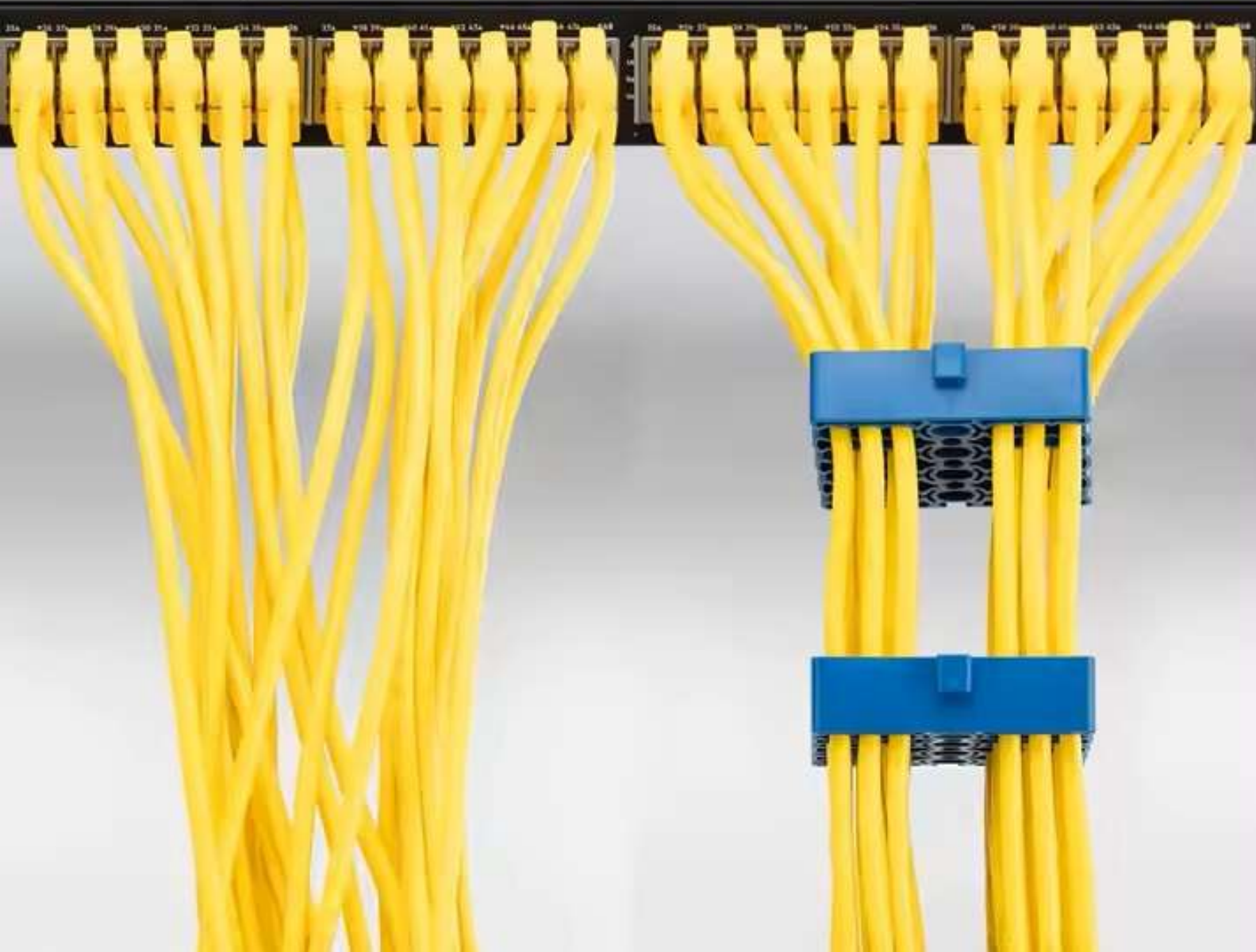
POEJK-TOOLKIT1



*Colors subject to change
**Tools sold separately

www.POEjack.com

*Specifications subject to change
**June 2023



Cables can also be removed at any point during use by sliding the blue outer collar back and removing them through the large opening of the collar

Made from a naturally slick plastic material which reduces friction and unnecessary wear on the cables being combed

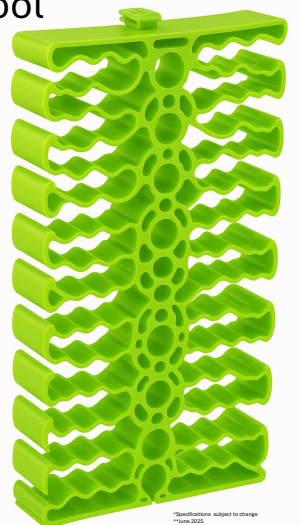
Built-in finger grooves make it smooth and comfortable to pull through cables without needing to worry about the orientation of the tool

GR-COMB2



*Colors subject to change

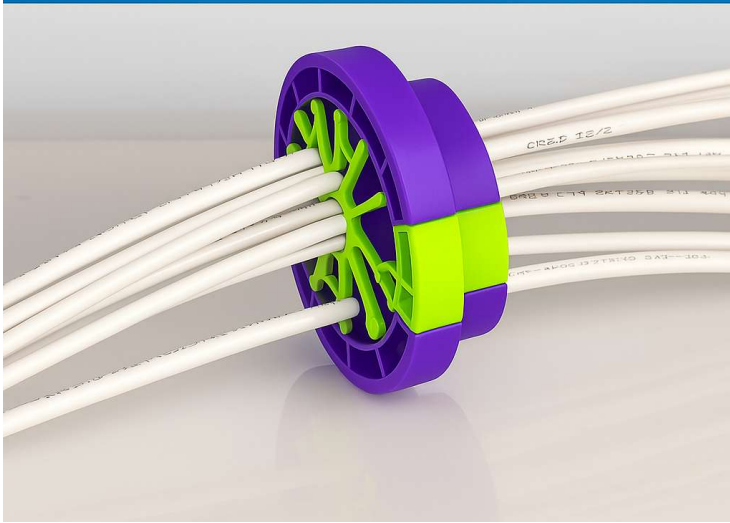
www.POEjack.com



*Specifications subject to change
*June 2022

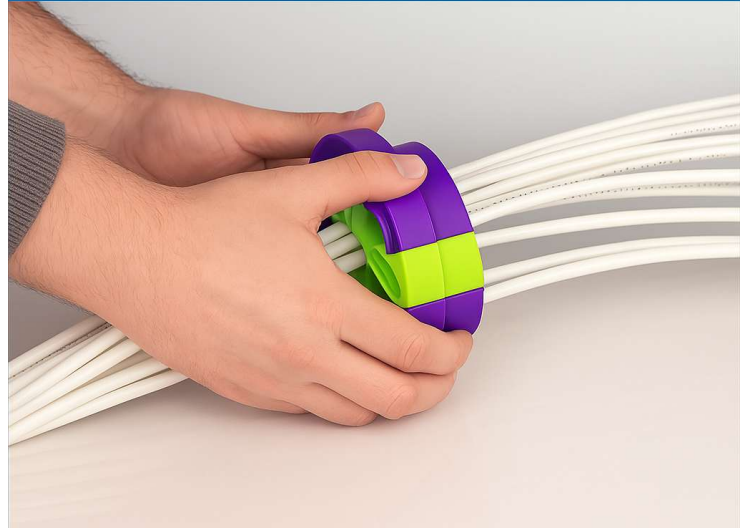
COMPATIBLE

With Any Cables or Wires Up to
1/4" in Diameter



BUILT-IN FINGER GROOVES

Make It Smooth & Comfortable
to Comb Cables Through



Neatly bundle and comb your cables! This Cable Organizing Tool substantially reduces the amount of time it takes to straighten, organize, and lash multiple cables together with ease. The Cable Comb also features the following:

Compatible with any cables or wires up to 1/4" (6.35 mm) in diameter, such as:
Coaxial (not RG6 Quad), Plenum, Control, CAT5/5E/6 Network, Speaker, and Alarm
Cables and Wires

Holds up to 24 cables (0.25" in diameter)

Unique design allows individual cables to be loaded into the orange inner hub at any point during use without the need to find and thread the cable ends

Cables can also be removed at any point during use by sliding the blue outer collar back and removing them through the large opening of the collar

Made from a naturally slick plastic material which reduces friction and unnecessary wear on the cables being combed

Built-in finger grooves make it smooth and comfortable to pull through cables without needing to worry about the orientation of the tool

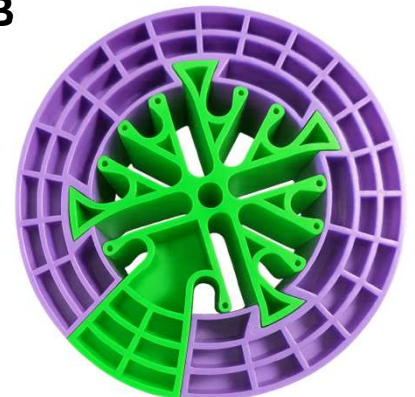
GR-COMB



GRID



*Colors subject to change



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*Specifications subject to change
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Length **6in** **1ft** **2ft** **3ft** **6ft** **9ft** **25ft** **50ft**

Color: White



RW



BK



BU



GY



GR



OR



VI



RD



WH



YW

GR6A-XXX-__

**SlimPatch Cat6A Ethernet Patch
Cable - Snagless RJ45, Stranded,
550MHz, UTP, Pure Bare
Copper Wire, 10Gig, 30AWG**



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*Specifications subject to change
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Cat 6A Jack – 110 Termination (Cat6 / Cat5e)

POEJK6-GR

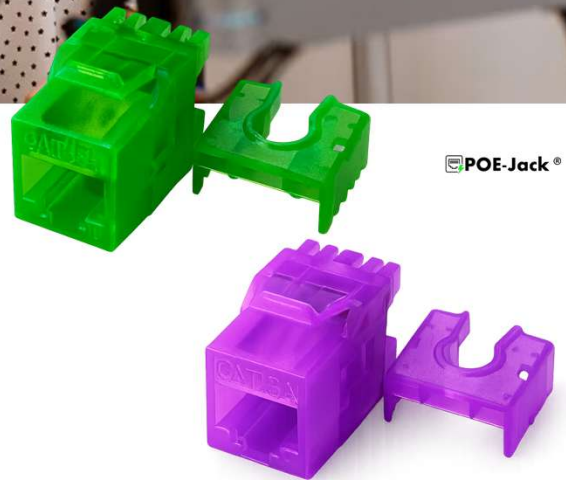
Green Cat6 Jack 25 Pack

POEJK6-VI

Violet Cat6 Jack 25 Pack

POEJK6-WH

White Cat6 Jack 25 Pack

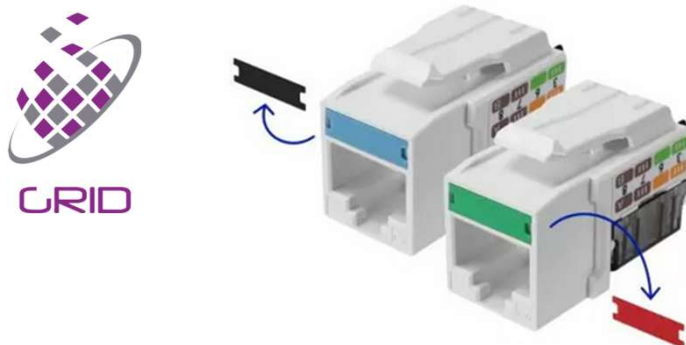


POE-Jack®

Patch Panel

POEJKPP6-24

Cat6 24 Port Patch Panel



Cat 6 Jack – 110 Termination

JK6-BK

Black Cat6 Jack 25 Pack

JK6-WH

White Cat6 Jack 25 Pack

Patch Panel

PP6-24

Cat6 24 Port Patch Panel





DECORTATOR STRAP

POEJKDS2-WH Keystone Decorator Strap 2 Port
POEJKDS4-WH Keystone Decorator Strap 4 Port
POEJKDS6-WH Keystone Decorator Strap 6 Port

POEJKDS2-BK Keystone Decorator Strap 2 Port
POEJKDS4-BK Keystone Decorator Strap 4 Port
POEJKDS6-BK Keystone Decorator Strap 6 Port

POEJDP1-WH Decorator Plate 1 Gang White
POEJDP1-BK Decorator Plate 1 Gang Black
POEJDP1-SS Decorator Plate 1 Gang SS

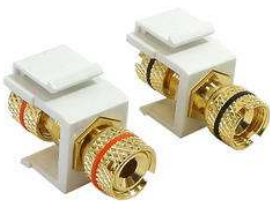


WALL PLATES

POEJKP2-WH Wall Plate 2 Port - White
POEJKP4-WH Wall Plate 4 Port - White

Speaker Cable Binding Post

BPK-WH White Binding Post PAIR



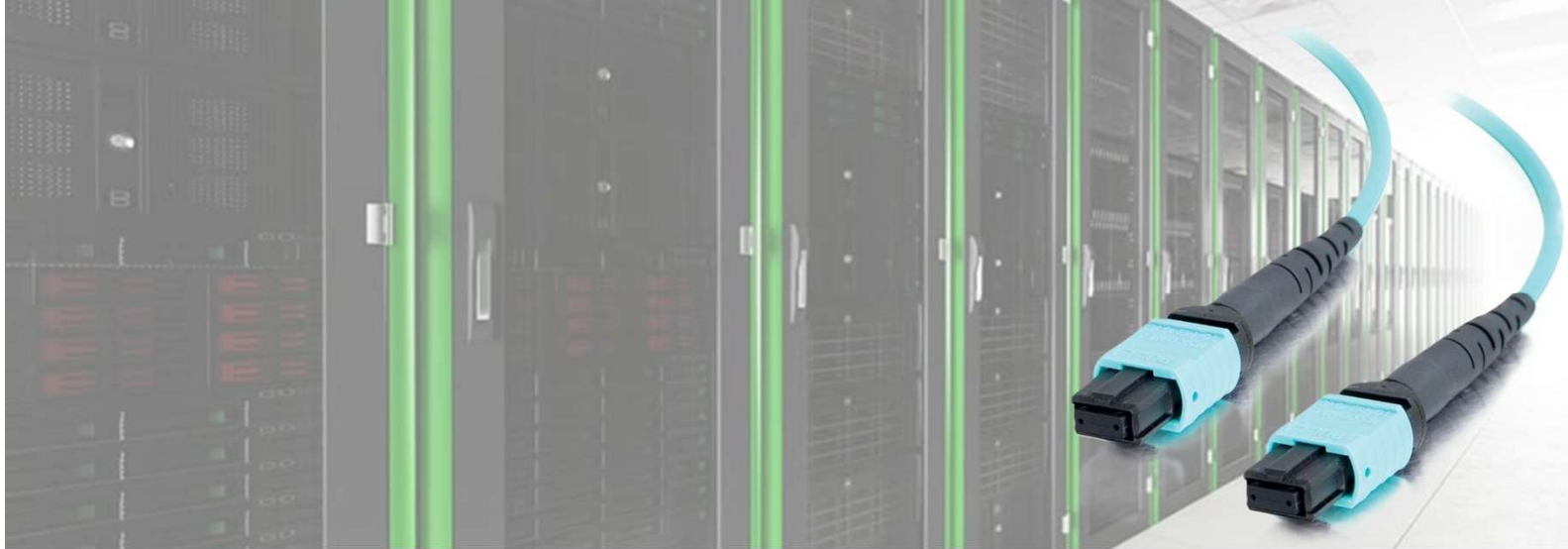
HDMI Keystone Pass Thru Coupler

HDMIK-WH White HDMI Pass Thru Keystone

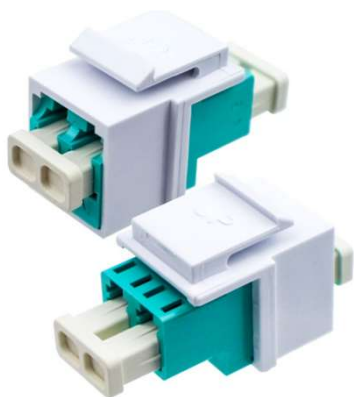


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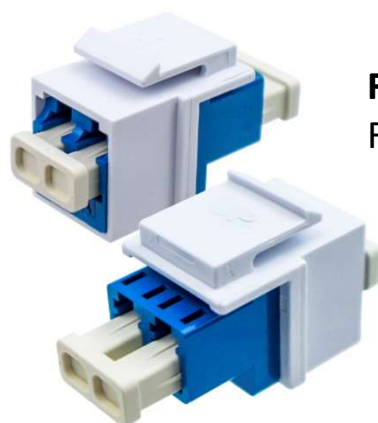
*Specifications subject to change
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MPO MTP Keystone OM3/OM4/MM, AQUA
FKSAMPO-WH



FIBER OPTIC KEYSTONE ADAPTER LC DUPLEX, OM3/MM, AQUA
FKSALC-WH



FIBER OPTIC KEYSTONE ADAPTER LC DUPLEX, OS2/SM, BLUE
FKMBLC-WH

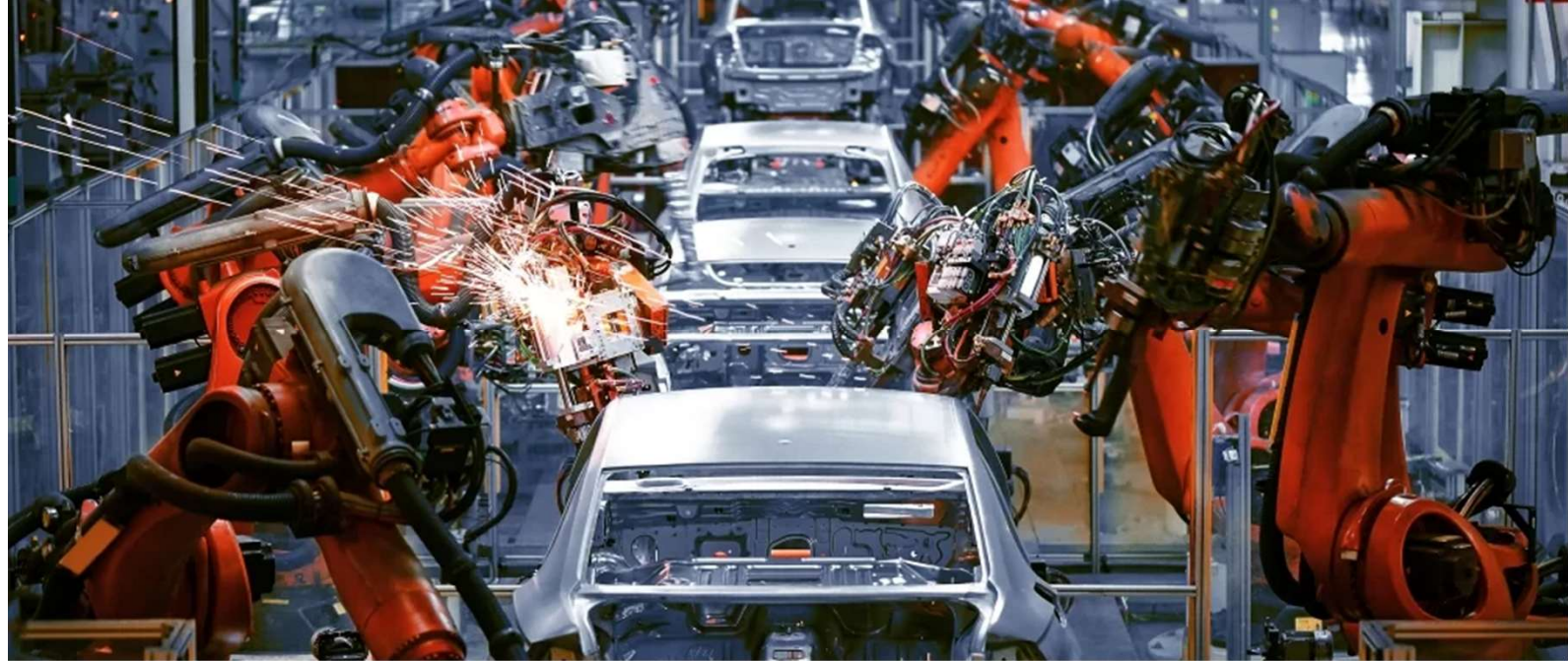


FIBER OPTIC KEYSTONE ADAPTER
SC SIMPLEX, SM/MM, W/PORT SHUTTER
FKSMSSC-WH



GRID

*Specifications subject to change
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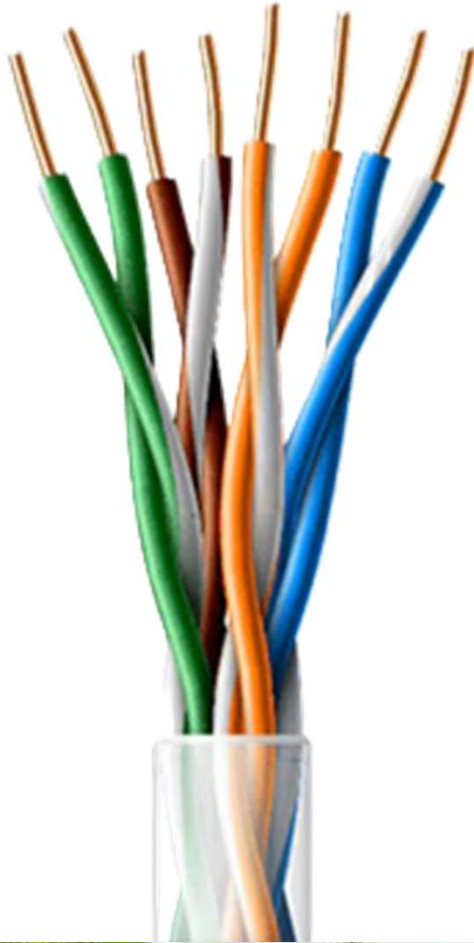
 **POE-Jack®**



POEJK-RMDIN

2U 19-Inch Adjustable Rack Mount DIN Rail Bracket Kit

 **POE-Jack®**



GRID

