Innovative AV Solutions from Panduit and Atlona

PANDUIT®

ATLONA
a PANDUIT company

Connect and Collaborate with End-to-End Innovation from the New Leader in AV Solutions

Modern AV systems enable connection and collaboration, driving discussions, improving education, and facilitating conversations within the workplace, school, or medical facility.

Today, Panduit has made it easy to deploy an AV system over structured cabling, with a market-leading end-to-end solution from a single supplier. Active devices from Atlona, a Panduit company, are the core of the AV system, and are supported by Panduit's robust, reliable infrastructure portfolio to deliver flexible, scalable AV applications.

Whether you're looking at point-to-point AV extension for a classroom, boardroom, or huddle space, or an enterprise-wide AV over IP solution, you will find high quality solutions that are simple to install and even easier to operate, all backed by an industry-leading warranty and global customer support.

Common Applications Supported by AV

Boardroom

Classroom

Conference Room

Digital Signage

Entertainment Space

Huddle Space

Lecture Hall

Training Room

Video Conferencing

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End-to-End AV Solutions from Panduit and Atlona

Select the Perfect Point-to-Point System to Meet Your Needs: Avance

Panduit and Atlona support a wide variety of point-to-point applications, ideal for collaboration in spaces like small conference rooms and huddle spaces in schools and office spaces. HDBaseT is the most common and most reliable method of AV extension, and Atlona HDBaseT extenders come with a variety of features that allow users to pick and choose what is best for their sites.

Atlona's Avance™ Series are HDBaseT extender kits that offer long transmission of 4K/60 4:2:0 HDMI video over cost effective, installation-friendly CAT-type twisted pair cable. EDID filtering and clock stretching ensure video transmission integrity and stable connections. Integrated HDBaseT link test allows quick verification of cable, termination, and link quality. Compact enclosures and included brackets allow the devices to be surface mounted in furniture or behind a display. As shown in the table below, the Avance series has several options to satisfy any budget, power configuration, control, or distance requirement.

AVA-100CE-BP-KIT

Part Number	4K 60Hz 4:2:0	EDID Filtering	Clock Stretching	HDBaseT Link Test	Signals Extended	Power	HDCP	ARC	1080p Distance Cat 6A	4K/UHD Distance Cat 6A
AT-AVA-EX70-2PS-KIT	YES	YES	YES	YES	HDMI	Local for Tx and Rx	2.2	—	230 ft. (70m)	130 ft. (40m)
AT-AVA-EX70-KIT	YES	YES	YES	YES	HDMI	Remote Tx -> Rx	2.2	—	230 ft. (70m)	130 ft. (40m)
AT-AVA-EX70C-KIT	YES	YES	YES	YES	HDMI RS-232/IR	Remote Tx -> Rx	2.2	—	230 ft. (70m)	130 ft. (40m)
AT-AVA-EX70C-BP-KIT	YES	YES	YES	YES	HDMI RS-232/IR	Bidirectional Tx <-> Rx	2.2	HDMI	230 ft. (70m)	130 ft. (40m)
AT-AVA-100CE-BP-KIT	YES	YES	YES	YES	HDMI Ethernet RS-232/IR	Bidirectional Tx <-> Rx	2.2	HDMI	328 ft. (100m)	328 ft. (100m)

Point-to-point connections require cabling runs that can reach up to 100 meters. Properly route and protect data, AV, and power cables by using Panduit ADA-compliant above floor raceway. Inexpensive and easy to install, it's a must for any room where core drilling isn't an option.

AFR4BCBL

Maximize your Software-Based Conferencing Rooms

The Atlona AT-OME-MS42 is a matrix switcher designed for use in commercial conference rooms and collaboration spaces. With its integrated USB extension, The OME-MS42 is ideal for video conferencing and many other 4K presentation applications.

Pair the OME-MS42 with the Atlona HDVS-CAM to deliver a professional-grade video conference solution. The AT-HDVS cameras are designed for use in video conferencing, lecture capture, presentation recording, and live streaming.

AT-OME-MS42

Part Number	Description
Omega Matrix Switcher	
AT-OME-MS42	4×2 AV matrix switcher with HDMI, DisplayPort, and USB-C inputs.
AT-OME-MS42-KIT	4×2 AV matrix switcher with HDMI, DisplayPort, and USB-C inputs, includes the OME-EX-RX HDBaseT receiver.

AT-HDVS-CAM

Part Number	Description
HDVS Cameras	
AT-HDVS-CAM	Designed for soft codec applications with AV systems supporting USB interfacing and extension.
AT-HDVS-CAM-HDMI	Designed for video conferencing and other applications such as lecture capture and distance education, HDMI output.
AT-HDVS-CAM-HDBT	Designed for video conferencing and other applications such as lecture capture and distance education, HDBaseT output.

Video conferencing is more than just a trend, it's the new norm for remote discussion. Easily connect peripheral IP devices with the Panduit field term plug. Designed specifically to connect devices like AV equipment and IP cameras, its small footprint fits where other plugs won't. The plug terminates in a snap, and a single part number works with Category 5e, 6, and 6A cabling.

FPS6X88MTG

Simplify Complex Presentation Spaces

Presentation switchers are versatile multi-format switchers designed with large spaces in mind. Extend content to multiple displays from a variety of inputs.

The Atlona Omega™ Series AT-OME-PS62 is ideal for spaces where USB extension for video conferencing is needed. In addition, it's USB-C ports make it the ideal presentation switcher for the future.

The AT-UHD-CLSO-612ED is the central component of an automated AV system, and is the switcher of choice in spaces where multiple signals with different resolutions must be optimized for display. It combines the benefits of a scaling switcher, automatic display control, automatic input selection, and HDBaseT signal transmission.

AT-OME-PS62

6×2 Matrix Presentation Switcher with USB

Inputs	1 USB-C (AV, data, charging) 3 HDMI 2 HDBaseT
Outputs	Matrixed HDMI, HDBaseT
Resolution	HDMI: 4K/UHD @ 60 Hz 4:4:4 HDBaseT: 4K/UHD @ 60 Hz 4:2:0
Audio	Audio Embedding and De-embedding Microphone/line level input Audio output matrix mixer
Scaling	4K up/downscaling for HDMI output
USB	2 USB 3.0 Type A 2 USB 3.0 Type B 1 USB-C

AT-UHD-CLSO-612ED

4K/UHD Six-Input Multi-Format Switcher

Inputs	2 VGA 2 HDMI 2 HDBaseT
Outputs	Mirrored HDBaseT, HDMI
Resolution	HDMI: 4K/UHD @ 30 Hz 4:4:4 HDBaseT: 4K/UHD @ 30 Hz 4:2:0
Audio	Audio Embedding and De-embedding Microphone/line level input Audio output matrix mixer
Scaling	4K up/downscaling for HDMI output
USB	—

Larger presentation spaces require more complex networking and AV equipment. House and protect presentation gear with Panduit's Wall Mount Cabinets. Cabinets range in size from 12 to 26 RU, with glass or perforated doors to meet your needs.

PZWMC12W

The Definitive BYOD Solution for Wireless AV

When collaboration is key, BYOD solutions help participants connect and share wirelessly without the need for apps or dongles.

The Atlona AT-OME-MS52W is a comprehensive switcher which offers wireless casting and USB device integration. It's an all-in-one product for BYOD and video conferencing.

The Atlona AT-UHD-SW-510W is a complete switcher ideal for conference spaces and lecture halls with the need for both BYOD and local device connections.

AT-OME-MS52W

5×2 Matrix Switcher with USB and Wireless Link

Inputs	1 USB-C (AV, data, charging) 2 HDMI 1 DisplayPort Wireless Casting
Outputs	Matrixed HDMI, HDBaseT
Wireless	Native and secure wireless device integration. iOS®, Android™, and Windows® (Miracast™)
Resolution	HDMI: 4K/UHD @ 60 Hz 4:4:4 HDBaseT: 4K/UHD @ 60 Hz 4:2:0
Control	IP, RS-232, CEC
USB	2 USB Type A 2 USB Type B 1 USB-C

AT-UHD-SW-510W

5x2 Matrix with Wireless Link

Inputs	1 USB-C (AV, data, charging) 2 HDMI 1 DisplayPort Wireless Casting
Outputs	Matrixed HDMI, HDBaseT
Wireless	Native and secure wireless device integration. iOS®, Android™, and Windows® (Miracast™)
Resolution	HDMI: 4K/UHD @ 60 Hz 4:4:4 HDBaseT: 4K/UHD @ 60 Hz 4:2:0
Control	IP, RS-232, CEC
USB	USB-C (AV and Charging Only)

Sometimes, smaller is better. Panduit 28 AWG patch cords offer the same performance as standard patch cords, in a size that is easier to manage and optimizes available space.

UTP28SP7BU

Redefining AV for Presentation and Collaboration

The Atlona Omega™ series is right at home in small conference and meeting rooms in the modern workplace. This new and evolving family of switching, extension, and video processing solutions facilitates communication through AV content.

AT-OME-SW32

Transmitters

Direct connectivity for source devices with HDMI or USB-C outputs, as well as USB for web and soft codec conferencing applications.

AT-OME-EX-TX

Part Number	Description	Inputs	Outputs	USB	Resolution	Display Control
AT-OME-EX-TX	Transmitter	HDMI	HDBaseT	2 USB Type A 1 USB Type B	4K/UHD @ 60 Hz 4:2:0	IP, RS-232, CEC, IR (All pass-through)
AT-OME-EX-TX-WP	Wallplate Transmitter	HDMI	HDBaseT	1 USB Type A 1 USB Type B	4K/UHD @ 60 Hz 4:2:0	RS-232, CEC (pass-through)
AT-OME-ST31A	Switching Transmitter with Balanced Audio De-embedding	USB-C, 2 HDMI	HDMI, HDBaseT	—	HDMI: 4K/UHD @ 60 Hz 4:4:4 HDBaseT: 4K/UHD @ 60 Hz 4:2:0	IP (pass-through), RS-232 via HDBaseT, CEC (pass-through)

Switchers

A family of compact matrix switchers designed specifically for the needs of today's small to medium-sized presentation applications.

AT-OME-MS52W

Part Number	Description	Inputs	Outputs	USB	Resolution	Display Control
AT-OME-SW32	Matrix Switcher	USB-C, 2 HDMI	2 HDMI	—	4K/UHD @ 60 Hz 4:4:4	RS-232, CEC
AT-OME-MS42	Multi-Format Matrix Switcher	USB-C, 2 HDMI, DisplayPort	HDMI, HDBaseT	2 USB Type A 2 USB Type B 1 USB-C	HDMI: 4K/UHD @ 60 Hz 4:4:4 HDBaseT: 4K/UHD @ 60 Hz 4:2:0	IP, RS-232, RS-232 via HDBaseT, CEC
AT-OME-MS52W	Multi-Format Matrix Switcher with Wireless Casting	USB-C, 2 HDMI, DisplayPort	HDMI, HDBaseT	2 USB Type A 2 USB Type B 1 USB-C	HDMI: 4K/UHD @ 60 Hz 4:4:4 HDBaseT: 4K/UHD @ 60 Hz 4:2:0	IP, RS-232, RS-232 via HDBaseT, CEC
AT-OME-PS62	Presentation Switcher	USB-C, 3 HDMI, 2 HDBaseT	HDMI, HDBaseT	2 USB Type A 2 USB Type B 1 USB-C	HDMI: 4K/UHD @ 60 Hz 4:4:4 HDBaseT: 4K/UHD @ 60 Hz 4:2:0	IP, RS-232 via HDBaseT, CEC

A properly labeled cabling installation simplifies moves, adds and changes down the road. Panduit hand-held printers and Turn-Tell® labels make labeling a breeze.

MP300

Receivers

Slim and compact for discreet installation, and a range of features and capabilities beyond receiving HDBaseT from a transmitter or switcher.

AT-OME-SR21

Part Number	Description	Inputs	Outputs	USB	Resolution	Display Control
AT-OME-EX-RX	Receiver	HDBaseT	HDMI	2 USB Type A	4K/UHD @ 60 Hz 4:2:0	IP, RS-232, CEC, IR (All pass-through)
AT-OME-RX11	Scaling Receiver	HDBaseT	HDMI	—	4K/UHD @ 60 Hz 4:2:0	RS-232, CEC (All pass-through)
AT-OME-RX21	Scaling Receiver	HDMI, HDBaseT	HDMI	—	HDMI: 4K/UHD @ 60 Hz 4:4:4 HDBaseT: 4K/UHD @ 60 Hz 4:2:0	IP, RS-232, CEC
AT-OME-RX31	Scaling Receiver	2 HDMI, HDBaseT	HDMI	—	HDMI: 4K/UHD @ 60 Hz 4:4:4 HDBaseT: 4K/UHD @ 60 Hz 4:2:0	IP, RS-232, CEC
AT-OME-SR21	Scaling Receiver	HDMI, HDBaseT	HDMI	2 USB Type A 1 USB Type B	HDMI: 4K/UHD @ 60 Hz 4:4:4 HDBaseT: 4K/UHD @ 60 Hz 4:2:0	IP, RS-232, CEC

Extender Kits

Simple yet effective integration solutions for extending AV, control, and USB from a table, wall, floor box, or furniture to a display or projector.

AT-OME-EX-WP-KIT

Part Number	Description
AT-OME-EX-KIT	HDBaseT extender kit for video up to 4K/60 4:2:0, plus embedded audio, control, Ethernet, and USB over distances up to 330 feet (100 meters). Includes AT-OME-EX-TX and AT-OME-EX-RX.
AT-OME-EX-WP-KIT	HDBaseT extender kit for video up to 4K/60 4:2:0, plus embedded audio, control, and USB over distances up to 330 feet (100 meters). The transmitter features a US one-gang, Decora-style wallplate form factor, and includes interchangeable black and white wallplates and faceplates. Includes AT-OME-EX-TX-WP and AT-OME-EX-RX.
AT-OME-EX-KIT-LT	HDBaseT extender for video up to 4K/60 4:2:0, plus embedded audio, control, and USB over distances up to 130 feet (40 meters).

Routing connectivity to the table can be a real hassle. Panduit table boxes not only provide a low-profile aesthetic look, but also make connecting a breeze for today and tomorrow. With removable faceplates, simply choose your connections for today, and easily remove and install new connections for tomorrow.

PND100

Uncompromised AV over IP Performance and Reliability

The distribution of AV over the IP network creates a system that is flexible, scalable, and cost-effective. OmniStream™ by Atlona delivers the performance and dependability of traditional AV distribution, plus the unrestricted scalability and cost efficiency of integrating over data networks. Pair OmniStream with Panduit's industry-leading cabling and connectivity for a networked AV solution that is simple to install, integrate, and manage. As a bonus, OmniStream is the only AV over IP platform that streams and decodes Dolby Vision HDR @ 60 Hz and 12-bit resolution.

AT-OMNI-112

AT-OMNI-311

AT-OMNI-238

Part Number	Description
AV Encoders and Decoders	
AT-OMNI-111	Single-channel networked AV encoder.
AT-OMNI-111-WP	Single-channel networked AV encoder wallplate.
AT-OMNI-112	Dual-channel networked AV encoder.
AT-OMNI-121	Single-channel networked AV decoder.
USB to IP Adapters	
AT-OMNI-311	USB to IP adapter.
AT-OMNI-324	IP to USB adapter.
IP to Analog Audio Bridge	
AT-OMNI-238	IP to Analog audio bridge.

Secure your AV over IP connection with a cable that delivers award-winning 10G performance. Vari-MaTriX cable delivers outstanding thermal properties for PoE, and the industry's best EMI suppression in an unshielded cable. And, the 0.25" cable diameter makes it easy to work with and easy to fit in any installation.

PUP6AV04BU

SW Series

The Atlona SW Series of compact AV switchers is ideal for a wide range of commercial and residential applications. The SW Series offers performance, reliability, and a host of integration and user convenience features.

AT-UHD-SW-5000ED

Part Number	Device Type	Inputs	Outputs	4K/UHD Capability	Control Integration	Additional Features
AT-UHD-SW-510W	Universal matrix switcher with wireless link	2 HDMI 1 DisplayPort 1 USB-C (Alt. Mode) wireless	1 HDMI 1 HDBaseT	4K/UHD capability @ 60 Hz with 4:2:0 chroma subsampling	RS-232, Trigger, Relay, LAN	Native wireless AV casting Matrix switching
AT-UHD-SW-51	4K/UHD Five-input HDMI switcher	5 HDMI	1 HDMI	4K/UHD capability @ 60 Hz with 4:2:0 chroma subsampling	RS-232, IR, LAN	Automatic input selection
AT-UHD-SW-52	4K/UHD Five-input HDMI switcher with mirrored HDMI outputs	5 HDMI	2 HDMI	4K/UHD capability @ 60 Hz with 4:2:0 chroma subsampling	RS-232, IR, LAN	Front panel volume control and indicator
AT-UHD-SW-52ED	4K/UHD Five-input HDMI switcher with mirrored HDMI/HDBaseT outputs	5 HDMI	1 HDMI 1 HDBaseT	4K/UHD capability @ 60 Hz with 4:2:0 chroma subsampling	RS-232, IR, LAN	HDBaseT output provides extension to 100m with Power over Ethernet capability
AT-UHD-SW-5000ED	4K/UHD Five-input HDMI switcher with two HDBaseT inputs and mirrored HDMI/HDBaseT outputs	3 HDMI 2 HDBaseT	1 HDMI 1 HDBaseT	4K/UHD capability @ 60 Hz with 4:2:0 chroma subsampling	RS-232, IR, LAN	HDBaseT output provides extension to 100m with Power over Ethernet capability

CLSO Series

The Atlona CLSO Series of presentation switchers and matrix switchers addresses an array of AV switching, routing, and processing needs for presentation spaces.

AT-UHD-CLSO-824

Part Number	Device Type	Inputs	Outputs	Audio Integration	4K/UHD Capability	Control Integration	Additional Features
AT-UHD-CLSO-601	6×1 AV presentation switcher	4 HDMI 2 Multi-function VGA	Mirrored HDBaseT (100m) and HDMI Integrated 4K scaling	Mic input with ducking Embedding and de-embedding Breakaway audio switching	4K/30 4:4:4	TCP/IP, RS-232, and IR control RS-232 routing to local and remote devices	Automatic display control Automatic input switching
AT-UHD-CLSO-612ED	6×1 AV presentation switcher	2 HDBaseT (100m) 2 HDMI 2 Multi-function VGA	Mirrored HDBaseT (100m) and HDMI Integrated 4K scaling	Mic input with ducking Embedding and de-embedding Breakaway audio switching	4K/30 4:4:4	TCP/IP, RS-232, and IR control RS-232 routing to local and remote devices	Automatic display control Automatic input switching
AT-UHD-CLSO-824	8×2 AV presentation matrix switcher	3 HDBaseT (100m) 4 HDMI 1 Multi-function VGA	2 Mirrored HDBaseT (100m) and HDMI	Mic input with ducking Embedding and de-embedding Audio output matrix mixer	4K/60 4:2:0	TCP/IP, RS-232, and IR control RS-232 routing to local and remote devices	–

HDVS Series

The Atlona HDVS Series is a strong all-in-one solution for boardrooms, conference rooms, training rooms, and huddle spaces. From complete kits that deliver a fully-integrated AV solution for a room, to wallplate transmitters, the HDVS series sets up with ease, with simple operation, and a wealth of desirable features.

AT-UHD-HDVS-300-C-KIT

AT-HDVS-210U-TX-WP

AT-HDVS-SC-RX

Part Number	Description
AT-UHD-HDVS-300-C-KIT	A complete integration solution for meeting room applications with software video conferencing platforms. Includes input switching, USB and AV extension, and integrated system control, plus the AT-HDVS-CAM, an enterprise-grade PTZ camera.
AT-HDVS-150-KIT	HDBaseT extender kit that includes the AT-HDVS-150-TX 3×1 switcher and transmitter featuring two HDMI inputs, and a VGA input with audio, and the AT-HDVS-150-RX receiver and HD scaler.
AT-HDVS-210H-TX-WP	2×1 switcher and HDBaseT transmitter with two HDMI inputs, in a US one-gang, wallplate form factor.
AT-HDVS-210U-TX-WP	2×1 switcher and HDBaseT transmitter with HDMI and USB-C inputs, in a US one-gang, wallplate form factor.
AT-HDVS-200-TX	3×1 switcher and HDBaseT transmitter with two HDMI inputs and a VGA input with audio. Video signals up to 4K/UHD @ 60 Hz with 4:2:0 chroma subsampling, plus embedded audio, control, and Ethernet can be transmitted up to 330 feet (100 meters).
AT-HDVS-200-RX	HDBaseT receiver and scaler for HD video, plus embedded audio, control, and Ethernet over distances up to 330 feet (100 meters).
AT-HDVS-SC-RX	HDBaseT receiver and high performance 4K/UHD scaler with local HDMI input. It receives HDBaseT for video output up to 4K/30 4:4:4, plus embedded audio, control, and Ethernet over distances up to 330 feet (100 meters).

User Friendly AV Control

Atlona Velocity™ brings a whole new approach to AV control, making it faster, easier, and more cost-effective than ever to specify and integrate a commercial AV control system.

Create agile AV control systems from an array of Atlona components:

- **Velocity Control Gateway –** A software and IP-based control processor designed for several AV systems over a network. Available as a server appliance, or software hosted on standard IT server infrastructure
- **Velocity Touch Panels –** Sleek, stylistic touch panels in 5.5" and 8" sizes. BYOD integration options are also available for controlling AV systems from tablets, smartphones, PCs, and more

Velocity delivers everything you need in an AV control system, without the complications and expense of traditional systems.

AT-VGW-HW-3

Velocity Hardware

Part Number	Description	
	AV Control	Room Scheduling*
AT-VGW-HW-3	Up to 3 rooms	Up to 6 rooms
AT-VGW-HW-10	Up to 10 rooms	Up to 20 rooms
AT-VGW-HW-20	Up to 20 rooms	Up to 40 rooms
AT-VCC-IR3-KIT	IP to IR command converter for velocity control system	

*A room can include AV control, room scheduling, or both. For example, with the AT-VGW-HW-10 there can be a total of 6 rooms with AV control only, 4 rooms for control and scheduling, and 16 rooms with scheduling only.

Velocity Software

Part Number	Description	
	AV Control	Room Scheduling*
AT-VGW-SW	Up to 20 rooms	Up to 40 rooms
AT-VRL-SW	1 additional room	2 additional rooms

*A room can include AV control, room scheduling, or both. For example, with the AT-VGW-SW there can be a total of 12 rooms with AV control only, 8 rooms for control and scheduling, and 32 rooms with scheduling only.

AT-VTP-800-WH

Touch Panels

Part Number	Description
AT-VTP-550-BL	5.5" Touch panel for velocity control system, Black. Also available in White. (AT-VTP-550-WH).
AT-VTP-800-BL	8" Touch panel for velocity control system, Black. Also available in White. (AT-VTP-800-WH).
AT-VTP-TMK	Tabletop mounting kit for VTP-800 control system touch panels.

AT-VCC-RELAY-KIT

Accessories (VCC Kits)

Part Number	Description
AT-VCC-RELAY-KIT	IP to Relay/sensor signal converter for velocity control system.
AT-VCC-RS232-KIT	IP to RS-232 command converter for velocity control system.

AV Infrastructure Matters

Robust, reliable infrastructure from Panduit ensures your AV systems deliver what you're expecting. Industry leading cabling and connectivity ensures AV signals get from point A to point B, while tried and true solutions like surface raceway, racks and cable management help you route and protect that cabling system. What goes on behind the scenes matters and you'll be glad you trusted that infrastructure to Panduit.

PUP6AV04BU-G

Unshielded Copper Cables

- Superior headroom performance provides margins above the industry standard
- Vari-MaTriX cables offer best in class alien crosstalk mitigation as well as the best EMI immunity in a UTP cable

Description	Category 6	Category 6A
Unshielded Plenum Cables	PUP6C04BU-W	PUP6AV04BU-G
Unshielded Riser Cables	PUR6C04-W	PUR6AV04BU-G

Also available in WH (White) as standard, contact Panduit customer service for more color options.

UTP28X5BU

Unshielded Patch Cords

- Supports IEE 802.3AF, 802.3at, and 802.3bt type 3 and type 4 for PoE applications up to 100 W
- Patented tangle-free latch

Description	Category 6	Category 6A
Standard Patch Cords	UTPSP5BUY	UTP6A5BU
28 AWG Patch Cords	UTP28SP5BU	UTP28X5BU

Available in different colors, replace BU (Blue) with BL (Black), or WH (White).
Also available in other colors and lengths as standard, contact Panduit customer service for more options.

CJ6X88TGBU

Unshielded Mini-Com® Jack Modules

- 100% tested to ensure performance and individually serialized for traceability
- Utilize patented Giga-TX™ Technology for terminations to maintain cable pair geometry and minimize conductor untwist

Description	Category 6	Category 6A
Unshielded Jack Modules	CJ688TGBU	CJ6X88TGBU
Unshielded Angled Jack Modules	CJUD688TGBU	CJUD688TGBU

Replace UD (Up/Down) with LR (Left/Right) for angle orientation.
Available in different colors, replace BU (Blue) with BL (Black), or WH (White).
Also available in other colors, contact Panduit customer service for more options.

FP6X88MTG

Unshielded Field Terminable Plug

- Simple to attach field terminable plugs in straight and angled versions
- Category 6A performance, also compatible with Category 6 and 5e systems

Description	Straight	Angled
Category 6A UTP Field Term RJ45 Plug	FP6X88MTG	FPUD6X88MTG

CPP24WBLY

Unshielded Patch Panels

- Accepts Mini-Com® Modules, which snap in and out for easy moves, adds, and changes
- Facilitates proper bend radius control

Part Number	Description
CPP24WBLY	Mini-Com® 24-Port Modular Patch Panel with Faceplates, Black, 1 RU.
CPP48WBLY	Mini-Com® 48-Port Modular Patch Panel with Faceplates, Black, 2 RU.

AV Infrastructure Matters – Continued

Shielded Copper Cables

- Superior headroom performance provides margins above the industry standard
- Overall foil shield and internal drain wire reduces low frequency external interference to ensure exceptional cable performance

PFP6X04BU-UG

Description	Category 6	Category 6A
Shielded Plenum Cables	PFP6C04BU-UG	PFP6X04BU-UG
Shielded Riser Cables	PFR6C04BU-UG	PFR6X04BU-UG

Also available in WH (White) as standard, contact Panduit customer service for more color options.

Shielded Patch Cords

- Supports IEE 802.3AF, 802.3at, and 802.3bt type 3 and type 4 for PoE applications up to 100 W
- Patented tangle-free latch

STP6X5BU

Description	Category 6	Category 6A
Standard Patch Cords	—	STP6X5BU
28 AWG Patch Cords	—	STP28X5MBU

Also available in other colors and lengths as standard, contact Panduit customer service for more options.
28 AWG cable length offered in Meters.

Shielded Mini-Com® Jack Modules

- 100% tested to ensure performance and individually serialized for traceability
- Utilize patented Giga-TX™ Technology for terminations to maintain cable pair geometry and minimize conductor untwist

CJS6X88TGY

Description	Category 6	Category 6A
Shielded Jack Modules	CJS688TGY	CJS6X88TGY
Shielded Angled Jack Modules	CJSUD688TGY	CJSUD6X88TGY

Replace UD (Up/Down) with LR (Left/Right) for angle orientation.
Available in different colors, replace BU (Blue) with BL (Black) or WH (White).
Also available in other colors, contact Panduit customer service for more options.

Shielded Field Terminable Plug

- Simple to attach field terminable plugs
- Category 6A performance, also compatible with Category 6 and 5e systems

FPS6X88MTG

Description	Straight	Angled
Category 6A Shielded Field Term RJ45 Plug	FPS6X88MTG	—

Shielded Patch Panels

- Accepts Mini-Com® Modules, which snap in and out for easy moves, adds, and changes
- Facilitates proper bend radius control

CP24BLY

Part Number	Description
CP24BLY	Mini-Com® 24-Port Modular All Metal Shielded Patch Panel, Black, 1 RU.
CP48BLY	Mini-Com® 48-Port Modular All Metal Shielded Patch Panel, Black, 2 RU.

AV Infrastructure Matters – Continued

Executive Series Faceplates

- Accepts Mini-Com® Modules for UTP and STP, fiber optic, and audio visual
- Replacement labels and label covers available where applicable

CFPE1WHY

Part Number	Description
CFPE1**Y	Mini-Com® Executive Series Single Gang Faceplate accepts 1 Mini-Com® Module, includes label and label cover.
CFPE2**Y	Mini-Com® Executive Series Single Gang Faceplate accepts 2 Mini-Com® Modules, includes label and label cover.
CFPE4**Y	Mini-Com® Executive Series Single Gang Faceplate accepts 4 Mini-Com® Modules, includes label and label cover.

Classic Series Faceplates

- Accepts Mini-Com® Modules for UTP and STP, fiber optic, and audio visual
- Replacement labels and label covers available where applicable

CFP4EI

Part Number	Description
CFP1**	Mini-Com® Classic Series Single Gang Vertical Faceplate accepts 1 Mini-Com® Module.
CFP2**	Mini-Com® Classic Series Single Gang Vertical Faceplate accepts 2 Mini-Com® Modules.
CFP4**	Mini-Com® Classic Series Single Gang Vertical Faceplate accepts 4 Mini-Com® Modules.

Available colors are IW (Off White), WH (White), IG (International Gray), EI (Electric Ivory), or BL (Black).

Off White | White | IG | EI | BL

Surface Mount Boxes

- Offer a variety of mounting options, allowing Mini-Com® Modules to be mounted on a variety of surfaces including walls, metal surfaces, and furniture
- Mount easily with supplied mounting screws, adhesive tape, or optional magnet

CBXQ2IW-A

Part Number	Description
CBXQ1IW-A	Surface mount box accepts 1 Mini-Com® Module, Off White.
CBXQ2IW-A	Surface mount box accepts 2 Mini-Com® Modules, Off White.
CBXQ4IW-A	Surface mount box accepts 4 Mini-Com® Modules, Off White.
CBXQ6IW-A	Surface mount box accepts 6 Mini-Com® Modules, Off White.

Additional colors available; visit www.panduit.com for complete selection.

Table Boxes

- Pre-populated with power outlets
- Once installed, faceplates can be removed for future moves, adds, and changes

PND110

Part Number	Description
PND100	Nook style table box. Includes Mini-Com® and NetKey® Faceplates, power receptacle with two Type B plugs and two USB 2.0 plugs for charging. Ideal for clean installation to a conference room table.
PND110	Tilt-up style table box. Unique leaf spring design that lasts a lifetime. Includes Mini-Com® and NetKey® Faceplates, power receptacle with two Type B plugs. Ideal for clean installation to a conference room table.
PND400	Retractable HDMI cable for cable nook box with mounting bracket.
CFGBBL	Brush insert, Black.

AV Infrastructure Matters – Continued

Above Floor Raceway

- A Four channel designed raceway for routing and separating signal types such as AV, power, and data
- Compliant with ADA section 4.5 related to changes in level for floor surfaces

AFR4BCBL6

Part Number	Description
AFR4BCBL6	Above Floor Raceway, 4 channel raceway, base and cover, 6 foot length, Black.
AFR4JB2SBL	Above Floor Raceway, power rated two piece snap together junction box, Black.
AFR4TBLGBL	Above Floor Raceway, table leg fitting, Black.
AFR4TRT70BL	Above Floor Raceway, transition fitting from above floor raceway to T70, Black.
AFR4RABL	Above Floor Raceway, right angle fitting, Black.
AFR4CCBL	Above Floor Raceway, coupler fitting, Black.
AFR4ECBL	Above Floor Raceway, end cap fitting, Black.
AFR4WTRBL	Above Floor Raceway, wall transition fitting, Black.

Replace BL with IW or OS for International White or Office Slate respectively.

In-Wall Boxes

- Full grid pattern for customized equipment placement
- Knockouts for power receptacle and cable pass through

CMBBSWH

Part Number	Description
CMBBSWH	Small in-wall box, 16"H × 6"W × 3.4"D with grid pattern for limitless configuration. Includes knockout for power outlet and cable pass through bezel. Ideal for mounting equipment behind monitors.
CMBBLWH	Large in-wall box, 16"H × 12.25"W × 3.4"D with grid pattern for limitless configuration. Includes knockout for power outlet and cable pass through bezel. Ideal for mounting equipment behind monitors.
CMBBCMR	Cable management D-ring.
CMBBRKT	Equipment bracket.

Wall Mount Cabinets

- Holds 12-26 RU of active and passive networking equipment
- Working load rating of 250 lbs. - 350 lbs.

PZWMC12W

Part Number	Description
PZWMC12W	PanZone® Wall Mount Cabinet with Windowed Front Door, 12 RU, Black.
PZWMC18W	PanZone® Wall Mount Cabinet with Windowed Front Door, 18 RU, Black.
PZWMC26W	PanZone® Wall Mount Cabinet with Windowed Front Door, 26 RU, Black.

Rack Mounted Power Distribution Units

P12B01M

Part Number	Description
P12B01M	SmartZone™ G5 Basic Rack PDU - 15A, 120V horizontal single phase PDU, (12) 5-20R receptacles, 10' (3m) power cord with a NEMA 5-15P plug, and measures 1.6"H × 17.5"W × 2.0"D (40.6mm × 444.5mm × 50.8mm), UL Listed, Black.
P08D09M	SmartZone™ G5 Monitored Input (MI Series) Rack PDU - 15A, 120V single phase PDU, (8) 5-20R receptacles, NEMA 5-15P plug, and measures 1.713"H × 17.5"W × 7.8"D (43.2mm × 444.5mm × 198.1mm), Black.
P08E14M	SmartZone™ G5 Monitored Switched (MS Series) Rack PDU - 15A, 120V single phase PDU, (8) 5-20R receptacles, NEMA 5-15P plug, and measures 1.713"H × 17.5"W × 7.8"D (43.2mm × 444.5mm × 198.1mm), Black.

AV Infrastructure Matters – Continued

Racks

- Provides a reliable foundation for mounting networking equipment
- UL listed 1000 lbs. load rating

R2P

Part Number	Description
R2P	Two post rack, 45 RU, Black.
SRM19FM1	Rack mount shelf holds test gear, computer equipment, and small networking devices on 3 inch or 6 inch channel two post racks. Steel, 45 lbs. load capacity, 1 RU, Black.

PatchRunner™2 Cable Managers

- Ideal for use in telecommunications rooms with congestion of cables and networking equipment
- Improved door and cover designs for better functionality and an aesthetic look

PR2VD06 PR2VD08

PR2HF

Part Number	Description
PR2VD06	PatchRunner™2 Vertical Cable Manager, 6 inch width, dual-sided, 45 RU, Black. Includes two full-length metal, dual-hinged, push-to-close doors.
PR2VD08	PatchRunner™2 Vertical Cable Manager, 8 inch width, dual-sided, 45 RU, Black. Includes two full-length metal, dual-hinged, push-to-close doors.
PR2HF2	PatchRunner™2 Horizontal Cable Manager, 2 rack spaces, Black.
PR2HF3	PatchRunner™2 Horizontal Cable Manager, 3 rack spaces, Black.
PR2HF4	PatchRunner™2 Horizontal Cable Manager, 4 rack spaces, Black.

*Also available in White. Add “WH” to end of part number.

NetRunner™ Cable Managers

- Cost-effectively organizes, manages and protects cables on the rack
- Easy-to-maintain finished, professional finish

WMPFSE

Part Number	Description
WMPV45E	NetRunner™ Vertical Cable Manager, dual-sided, ABS plastic, 45 RU, Black. Includes covers.
WMPVF45E	NetRunner™ Vertical Cable Manager, single-sided, ABS plastic, 45 RU, Black. Includes covers.
WMPFSE	PatchLink™ Horizontal Cable Manager with Front Cover, ABS plastic, 1 RU, Black.
WMPF1E	PatchLink™ Horizontal Cable Manager with Front Cover, ABS plastic, 2 RU, Black.

AV Infrastructure Matters – Continued

SKUSBA-V

SKMKEY

Lock-in and Block-out Devices

- Blocks open ports; prevents unauthorized access to equipment and networks
- Requires key to lock and unlock

Part Number	Description
SKUSBA-V	SmartKeeper USB Type A blockout device; requires master key (SKMKEY) to unlock and remove.
SKUSBC	SmartKeeper USB Type C blockout device; requires master key (SKMKEY) to unlock and remove.
SKRJ45RD-X	SmartKeeper RJ45 jack module blockout device; requires master key (SKMKEY) to unlock and remove.
SKMKEY	SmartKeeper master key for removal of all SmartKeeper blockout devices.

MP100

MP300

Identification and Labeling Systems

- Variety of labeling systems and labels enable quick and easy network identification

Part Number	Description
MP100	The Panduit MP100 compact Bluetooth mobile label printer is economical and easy to use. Our printer offers an automatic cutter as well as the capability to print continuous label media up to 1.0" wide. It has USB and Bluetooth.
MP300	The Panduit MP300 mobile label printer is the ideal solution for labeling in the field. Our printer offers a wide variety of die-cut and continuous label sizes up to 1.5" wide and an automatic cutter with capabilities for full and half cuts.

For complete identification offering, reference the Panduit® Network Infrastructure Solutions Catalog (NCCB71--SA-ENG) or visit www.panduit.com.

Delivering more than Innovation

Innovative solutions help you solve crucial issues in your facility, but we're more than just innovation and engineering ingenuity. Peace of mind is important to our customers, and we do what we can to make sure our customers and installers can sleep at night. We do extensive testing on our products and back up everything with a world-class warranty, ensuring that if anything goes wrong, we'll make it right.

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- HLG
- Mircast™
- PoE
- USB-C™
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