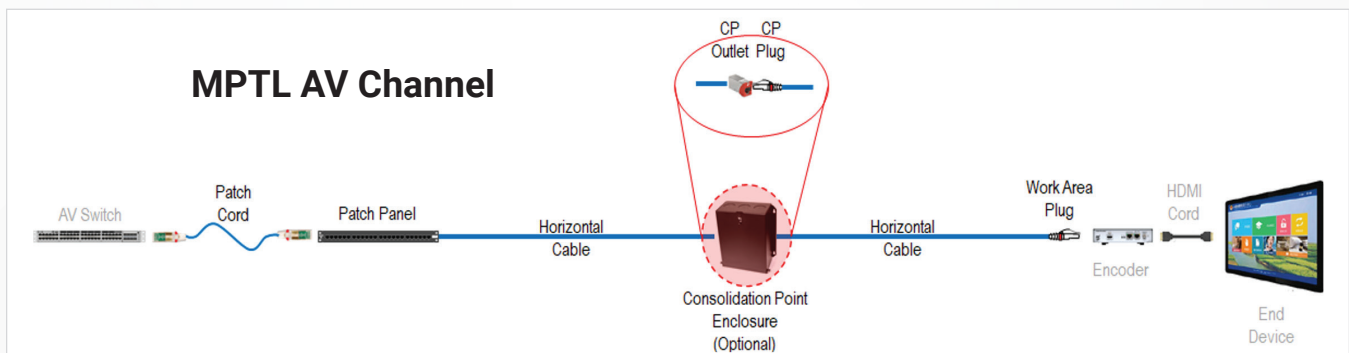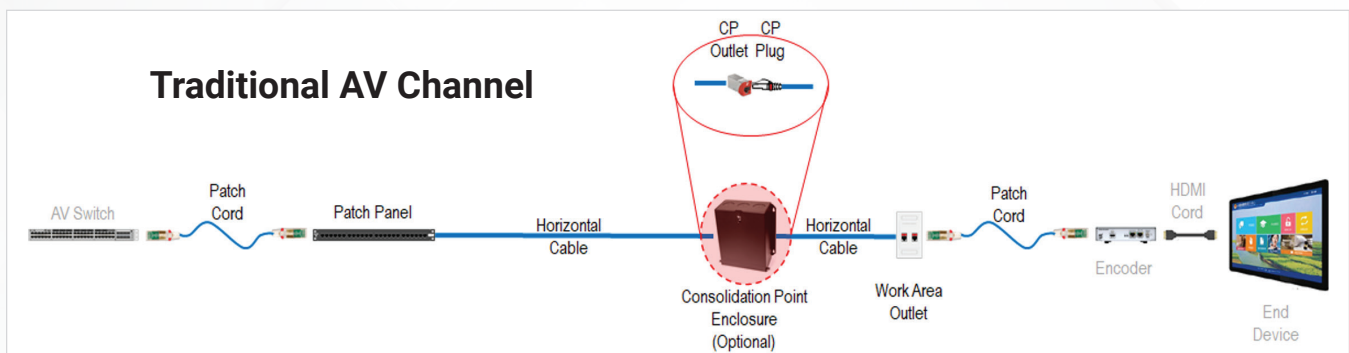# Cabling Solutions For Your AV Environments

The need for quality AV is nothing new, but in the past decade we've all seen a range of new standards and applications released that are pushing capabilities to another level.

Whether you're looking to action a traditional AV install or deploy a next-gen, IP-based system for UHD video and audio, selecting and deploying the right cabling infrastructure has never been more crucial.

But don't worry, just because it's based on high-quality, high-performance data cabling doesn't mean it's complicated.

Where can Siemon support you? Let's see using some standard configurations.

Traditional AV Channel

CP CP
Outlet Plug

AV Switch — Patch Cord — Patch Panel — Horizontal Cable — Consolidation Point Enclosure (Optional) — Horizontal Cable — Work Area Outlet — Patch Cord — Encoder — HDMI Cord — End Device

MPTL AV Channel

CP CP
Outlet Plug

AV Switch — Patch Cord — Patch Panel — Horizontal Cable — Consolidation Point Enclosure (Optional) — Horizontal Cable — Work Area Plug — Encoder — HDMI Cord — End Device

Boom. Easy right! Find all the Siemon components you need on the next page.

Right, let's build it!

Minimum Compliant (Category 5e) For those AV installs that call for a minimum compliant option.

MC5 Patch Cords	Double-ended, 4-pair UTP stranded modular patch cords available in 3-, 5-, 7-, 10-, 15- and 20-meter lengths in a variety of boot and cord color options.	View the spec sheet
HD5 Patch Panels	Available in 16-, 24-, 32-, 48- and 96-port configurations for 1U, 2U and 4U rack spaces in flat and angled orientations.	View the spec sheet
Horizontal Cable	Premium 5e UTP 4-pair copper cable. Exceeds ISO/IEC and ANSI/TIA standards performance requirements.	View the spec sheet
CP / Work Area Outlets	MAX® 5e UTP outlet, available in angled, flat and keystone configurations in a range of colors.	View the spec sheet
CP Plugs	Range of modular plugs supporting field terminated category 5e / 6 applications.	View the spec sheet

Good (Category 6 UTP) For those AV installs that call for a basic option.

MC6 Patch Cords	Double-ended, 4-pair UTP stranded modular patch cords available in 3-, 5-, 7-, 10-, 15- and 20-meter lengths in a variety of boot and cord color options.	View the spec sheet
HD6 Patch Panels	Available in 16-, 24-, 32-, 48- and 96-port configurations for 1U, 2U and 4U rack spaces in flat and angled orientations.	View the spec sheet
Horizontal Cable	Category 6 UTP 4-pair copper cable. Exceeds ISO/IEC and ANSI/TIA standards performance requirements.	View the spec sheet
CP / Work Area Outlets	MAX 6 UTP outlet, available in angled, flat and keystone configurations in a range of colors.	View the spec sheet
CP Plugs	Range of modular plugs supporting field terminated category 5e / 6 applications.	View the spec sheet

Better (Category 6A UTP) For those AV installs that call for additional headroom.

Z-MAX™ Patch Cords	Double-ended, 4-pair UTP stranded modular patch cords including Siemon's innovative PCB-based smart plug. Available in 3-, 5-, 7-, 10-, 15- and 20-meter lengths in a variety of boot and cord color options.	View the spec sheet
Z-MAX Patch Panels	Available in 24- and 48-port configurations for 1U rack spaces in flat and angled orientations and includes Siemon's PowerGUARD™ technology.	View the spec sheet
Horizontal Cable	Category 6A UTP 4-pair copper cable. Exceeds ISO/IEC and ANSI/TIA standards performance requirements.	View the spec sheet
CP / Work Area Outlets	Z-MAX 6A UTP outlet, available in angled, flat and keystone configurations. Delivers best-in-class performance and includes Siemon's PowerGUARD technology.	View the spec sheet
CP Plugs	Z-PLUG™ 6A field-terminated plug, compliant with ISO/IEC, ANSI/TIA and UL standards. Delivers best-in-class performance and includes PowerGUARD technology.	View the spec sheet

Best (Category 6A Shielded) For those AV installs that call for top-of-the-line performance.

Z-MAX Patch Cords	Double-ended, 4-pair shielded modular patch cords available in 3-, 5-, 7-, 10-, 15- and 20-meter length options in a variety of boot and cord color options.	View the spec sheet
Z-MAX Patch Panels	Available in 24- and 48-port configurations for 1U rack spaces in flat and angled orientations and includes Siemon's PowerGUARD technology.	View the spec sheet
Horizontal Cable	Category 6A shielded 4-pair copper cable. Exceeds ISO/IEC and ANSI/TIA standards performance requirements.	View the spec sheet
CP / Work Area Outlets	Z-MAX 6A shielded outlet, available in angled, flat and keystone configurations. Delivers best-in-class performance and includes Siemon's PowerGUARD technology.	View the spec sheet
CP Plugs	Z-PLUG 6A field-terminated plug, compliant with ISO/IEC, ANSI/TIA and UL standards. Delivers best-in-class performance and includes PowerGUARD technology.	View the spec sheet

Chat all things Siemon AV

Our teams are ready to help you configure the ideal AV solution for your needs. Contact your local Siemon sales or technical representative today to get started or visit our website or scan the QR code for more information.

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