



Infrastructure to Enable Telehealth Services

As healthcare becomes more digital, services that can be done remotely via telehealth applications are growing – and growing fast. Industry researchers expect the market to more than triple in the next five years, as more and more clinicians – and patients – embrace the technology.

While most consumers think of telehealth as video consultations, the telehealth umbrella is much larger. Telehealth applications include any services that can be delivered via technology, including mobile health, remote patient monitoring, and store-and-forward technology, which involves the transfer of all types of medical records and information between healthcare providers. Telehealth is also used in delivering remote training to providers.

For healthcare providers, these services depend on a standards-based quality infrastructure:

- Vari-MaTriX Category 6A structured cabling systems deliver secure and stable connections for video consultations, remote patient monitoring, and record storage and retrieval, with industry-leading cable diameter, and thermal management for PoE
- Atlona AV devices allow doctors to cast video consultations to larger or multiple screens in their office, so they can review patient records or medical images while consulting with a patient
- Racks and wall-mount cabinets securely house telehealth equipment and keep it secure and out of the way
- Above Floor Raceway routes and protects data, AV, and power cabling in an ADA-compliant channel that is easily installed when core drilling isn't an option

Horizontal Cable

Part Number	Part Description
PUP6AHD04BU-G	Category 6A U/UTP Vari-MaTriX HD copper cable, plenum, 4-pair, Blue.

Patch Cords

UTP6AX3BU	Category 6A performance, 24 AWG, UTP patch cord, CM, Blue, 3 ft.
UTP28X3BU	Category 6A performance, 28 AWG, UTP patch cord, CM/LSZH, Blue, 3 ft.
BKA6ASD9INBL	Category 6A break-away adapter, Black. For use with wired applications, releasing when pulling force is applied to reduce tripping hazards, and protect equipment and infrastructure.
HDMI1MBL	HDMI patch cord, black, 1 meter.
HDMIA15M	Active HDMI Cable with detachable connector head, black, 15 meters.

RJ45 Modules

FP6X88MTG	Category 6A UTP field term RJ45 plug for field termination of 4-pair unshielded twisted pair cable.
CJ6X88TGBU	Category 6A, RJ45, 8-position, 8-wire jack module with MaTriX technology. Supports high-bandwidth applications and is ideal for running next generation Power over Ethernet (PoE++). UL Rated: UL 1863 and UL 2043.
CJH6X88TGBU	Category 6A, RJ45, 8-position, 8-wire jack module with MaTriX Technology and integrated shutter.
NK6X88MBU	Category 6A RJ45, 8-position, 8-wire keystone jack module. Supports high-bandwidth applications and is ideal for running next generation Power over Ethernet (PoE++).

Patch Panels

CPPL24WBL	24-port modular patch panel with labels, supplied with factory-installed front removable snap-in faceplates.
NKFP24Y	24-port modular patch panel, keystone, with front accessible faceplates.

Wall-Mount Cabinets

PZWMC12P	PanZone® 12 RU Wall Mount Cabinet with perforated front door.
PZWMC12W	PanZone® 12 RU Wall Mount Cabinet with windowed front door.

Racks and Cable Management

R2P	Standard 19" EIA aluminum 45 RU 2-post rack with hardware kit and paint piercing bonding kit, numbered up.
R4P	Standard 19" EIA steel 45 RU 4-post rack with hardware kit and paint piercing bonding kit, numbered up.
PR2VD08	PatchRunner™ 2 Vertical Cable Manager, dual-sided, steel, 45 RU, Black, 1-piece, includes two full-length metal, dual-hinged, push-to-close doors.

Above Floor Raceway

AFR4BCBL6	6 foot above floor raceway base and cover, Black.
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Atlona AV Systems

AT-OME-EX-KIT-LT	Omega™ HDBaseT Extender Kit for video, control, and USB over distances up to 230 feet; includes transmitter and receiver.
AT-OME-MS42-KIT	Omega™ 4x2 Matrix Switcher and HDBaseT transmitter with HDMI, DisplayPort, and USB-C inputs and mirrored HDMI and HDBaseT outputs.

See www.panduit.com for additional colors, sizes, cable jackets, and performance offerings.

