

MEDIA DISTRIBUTION SYSTEM

The Panduit media distribution system offers a flexible and comprehensive way to distribute voice, video, and data (commonly referred to as triple play services) to commercial or residential locations within a multi-unit building. The innovative system consolidates all incoming communication cabling within an enclosure and efficiently distributes the services to individual outlets within the home or office.



- Provides high-density capacity by supporting a greater number of connections in a smaller enclosure, as compared to similar products
- Offers a modular design that provides flexibility to mix and match triple play services and to easily modify those services as needs change
- Consolidates all incoming communication cable into one centralized location to simplify installations and troubleshooting

The media distribution system includes enclosures, voice and data hubs, patch panel, video splitters, and multiple accessories, providing flexibility and choice to meet individual cabling needs.

The Panduit media distribution system complements an extensive line of Panduit offerings (including A/V modules, faceplates, copper cabling and jacks, patch panels, and cable management) to enable a complete network infrastructure from the building demarcation point to the end user's network outlet.

A. System Overview

B. Copper Systems

C. Fiber Optic Systems

D. Power over Ethernet

E. Zone Cabling

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I. Physical Infrastructure Management

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Media Distribution Enclosures System Roadmap



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4 Data Hubs (page H.5)



5 Accessories (page H.5)



6 Faceplates (page G.3 – G.14)



7 A/V Modules (pages B.58 – B.64)



8 Jack Modules (pages B.16, B.17, B.20, B.21, B.28, B.29, B.36, B.37, B.40 - B.42, B.48, B.49, B.55, and B.58 – B.64)



9 Fiber Optic Adapter Modules (pages C.31 – C.36)



10 Patch Cords (pages B.18, B.25, B.34, B.46, and B.50)

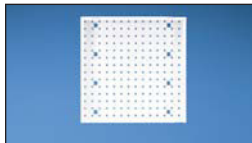


11 Modular Patch Panels (pages B.66 – B.73)



Media Distribution Enclosures

- 1" grid pattern in base provides mounting and flexibility for the hubs
- Multiple 2.5" knockouts at top and bottom for cable entry and exit
- Include two single gang power knockouts
- Cantilever mounting slots flex to accommodate misaligned studs
- Shear forms along sidewalls to help route and secure cable in place
- Drywall positioning slots



MS14B



MS14HD



MS14BHD



MS24B



MS24HD



MS24BHD



MSB14E



MSB24E

Part Number	Part Description	Std. Pkg. Qty.
Advanced Enclosures		
MS14B	14" x 14" media distribution enclosure base. 14.25"H x 14.25"W x 4.00"D (362.0mm x 362.00mm x 101.6mm).	1
MS14HD	14" x 14" hinged door with lock and key. 15.81"H x 15.75"W x .87"D (401.6mm x 400.00mm x 22.1mm).	1
MS14BHD	14" x 14" frameless hinged door with slam latch. 15.75"H x 15.75"W x 0.63"D (400mm x 400mm x 15.9mm).	1
MS24B	14" x 24" media distribution enclosure base. 24.25"H x 14.25"W x 4.00"D (616.0mm x 362.00mm x 101.6mm).	1
MS24HD	14" x 24" hinged door with lock and key. 25.81"H x 15.75"W x .87"D (655.6mm x 400.00mm x 22.1mm).	1
MS24BHD	14" x 24" frameless hinged door with slam latch. 15.75"H x 25.75"W x 0.63"D (400mm x 654mm x 15.9mm).	1
Basic Enclosures		
MSB14E	14" x 14" media distribution basic enclosure with screw down door. 14.25"H x 14.25"W x 4.00"D (362.0mm x 362.00mm x 101.6mm).	1
MSB24E	14" x 24" media distribution basic enclosure with screw down door. 24.25"H x 14.25"W x 4.00"D (616.0mm x 362.00mm x 101.6mm).	1

Base and door for advanced enclosures sold separately.
All product color is white.

Media Distribution Voice Hubs

- Manage up to four incoming lines and distribute service to eight outlets per line
- Offer built-in cable mounts to help organize and route cable
- Provide stackability feature to save space and increase the density of an installation
- Snap directly onto grid patterns within enclosures to simplify installations and allow easy moves, adds, and changes

**MS8PD**

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
MS8PD	Phone distribution hub that includes test ports and a built-in security interface switch that can override phone service in emergency situations.	1	10
MS8PE	Phone expansion hub that adds up to eight additional phone connections per line.	1	10

All product color is black.

**MS8PE**

Media Distribution Video Splitters

- Split incoming video/coax to distribute service throughout the unit
- Pre-mounted onto metal bracket for quick installation
- Include grounding screws
- Snap directly onto grid patterns within enclosures to simplify installations and allow easy moves, adds, and changes

**MS4S1G
and
MS4S2G**

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
1 GHz Splitters			
MS4S1G	Media distribution 1 x 4 passive video splitter with 1 GHz performance to distribute high-quality RF signals to up to four outputs.	1	10
MS8S1G	Media distribution 1 x 8 passive video splitter with 1 GHz performance to distribute high-quality RF signals to up to eight outputs.	1	10

**MS8S1G
and
MS8S2G**

Media Distribution Data Hub

- Distributes media and data service
- Allows for fast and effective terminations
- Offers built-in cable mounts to help organize and route cable
- Provides stackability feature to save space and increase the density of an installation
- Snaps directly onto grid patterns within enclosures to simplify installations and allow easy moves, adds, and changes



Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
MS5E6PP	Media distribution data hub with Category 5e performance that distributes media and data to up to six different locations; includes front-side 110 punchdown terminations.	1	10

All product color is black.

Media Distribution Accessories

- Support media distribution voice hubs, data hub, and video splitters



MS8PP



MSEBRKT



MSCM-KIT



MSGRD-KIT



MSCLK



MSCMR

Part Number	Part Description	Std. Pkg. Qty.	Std. Ctn. Qty.
MS8PP	Media distribution Mini-Com® Patch Panel that accepts all Mini-Com® Modules, providing a Category 6 solution to distribute media and data to up to eight different locations.	1	10
MSEBRKT	Media distribution equipment bracket that allows a variety of third-party equipment to be securely mounted within an enclosure.	1	10
MSCM-KIT	Media distribution cable management kit that includes the necessary components to help manage cables.	1	10
MSGRD-KIT	Media distribution grounding kit that includes necessary components to help ground media distribution advanced enclosures.	1	10
MSCLK	Lock and key for frameless hinged door.	1	10
MSCMR	Media distribution cable management ring.	1	10

All product color is black.