

## specifications

Passive video splitters shall split incoming video service to either four or eight different rooms within a residential or office unit. Passive video splitters shall offer 1GHz and 2GHz performance to ensure high quality RF signals throughout the installation. Passive video splitters shall be constructed with a pre-mounted bracket for easier mounting within an enclosure. Passive video splitters shall also offer quick installation features for easy moves, adds, and changes.



## technical information

<b>Mounting:</b>	Snap onto custom 1 inch grid pattern within the enclosure
<b>Packaging:</b>	Includes splitter and grounding screw for proper grounding to enclosure
<b>Compliance:</b>	RoHS, TIA/EIA 570-B Residential Wiring Standard, cULus and UL

## key features and benefits

<b>Splitter</b>	Splits incoming video/coax into four or eight outputs throughout the unit simplifying installations, providing convenience, and saving time
<b>1GHz and 2 GHz performance</b>	Distributes high-quality RF signals throughout an installed system for optimum performance
<b>Pre-mounted bracket</b>	Holds splitter ensuring durability of installation and minimizing space requirements within enclosure
<b>Snap-in installation</b>	Snap directly onto custom 1 inch grid pattern to simplify installations and allow for easy moves, adds, and changes.
<b>Grounding screw</b>	Properly grounds the product to the surrounding structure to protect network equipment and maximize uptime

## applications

The Panduit Media Distribution System is a complete structured cabling solution for residential and commercial deployments that cost-effectively delivers emerging communication and video entertainment connectivity into individual location enclosures. Using customizable and stackable hubs installed within the enclosure, the media distribution system provides voice, video and data applications (commonly referred to as triple-play services) throughout a home or office.

Modularity with Panduit products allows the Media Distribution System to service an entire network infrastructure from the building demarcation point to the end user's network outlet.

Media distribution passive video splitters separate incoming video signal into multiple outputs and distribute high-quality RF signals throughout a residence or small business simplifying installations and offering optimum performance.

### Video Splitters

<b>1 x 4 passive 1GHz:</b>	MS4S1G
<b>1 x 4 passive 2GHz:</b>	MS4S1G
<b>1 x 8 passive 1GHz:</b>	MS8S2G
<b>1 x 8 passive 2GHz:</b>	MS8S2G

### Advanced System Enclosures

(Base and hinged door sold separately.)

<b>14" base:</b>	MS14B
<b>24" base</b>	MS24B
<b>14" hinged door with frame:</b>	MS14HD
<b>24" hinged door with frame:</b>	MS24HD
<b>14" frameless hinged door:</b>	MS14BHD
<b>24" frameless hinged door:</b>	MS24BHD

### Basic System Enclosures

(Includes base and screw down door.)

<b>14":</b>	MSB14E
<b>24":</b>	MSB24E

### Voice (Phone) Hubs

<b>Distribution hub:</b>	MS8PD
<b>Expansion hub:</b>	MS8PE

### Data Hub

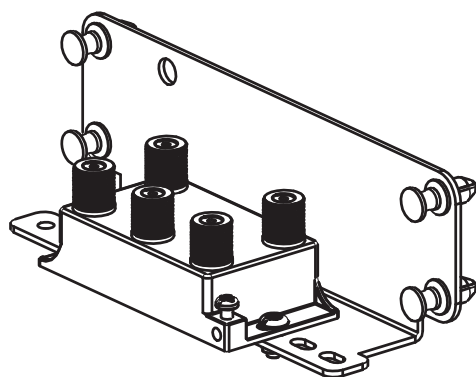
<b>Category 5e data hub:</b>	MS5E6PP
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### Accessories

<b>Equipment bracket:</b>	MSEBRKT
<b>Modular patch panel:</b>	MS8PP
<b>Cable management ring:</b>	MSCMR
<b>Cable management kit:</b>	MSCM-KIT
<b>Grounding kit:</b>	MSGRD-KIT
<b>Lock for frameless hinged door:</b>	MSCLK

# Media Distribution Passive Video Splitters

## 1x4 Passive Video Splitter

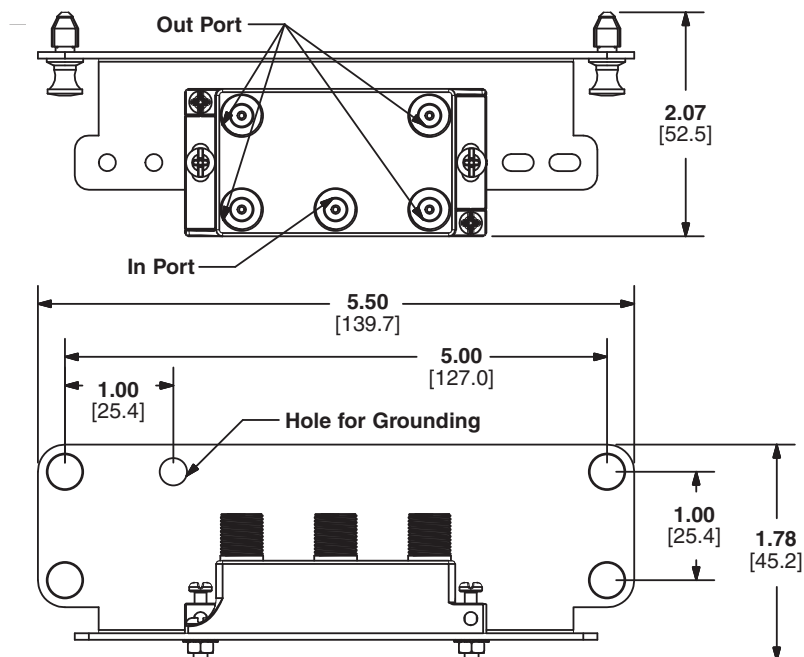


### 1GHz

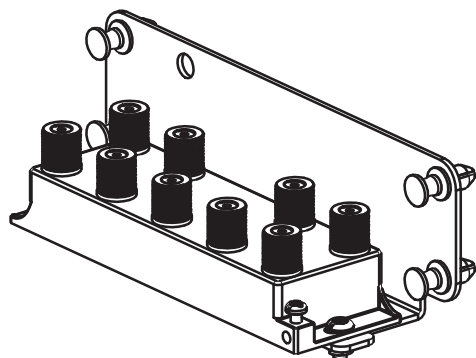
Tested Performance for 1 x 4 Splitter (5 – 1000MHz)	
Insertion Loss	6.8 to 8.2dB (ranges from 5 – 1000MHz)
Isolation	minimum 26dB
Return Loss	minimum 21dB

### 2GHz

Tested Performance for 1 x 4 Splitter (5 – 2400MHz)	
Insertion Loss	6.8 to 12.0dB (ranges from 5 – 2400MHz)
Isolation	minimum 22dB
Return Loss	minimum 10dB



## 1x8 Passive Video Splitter

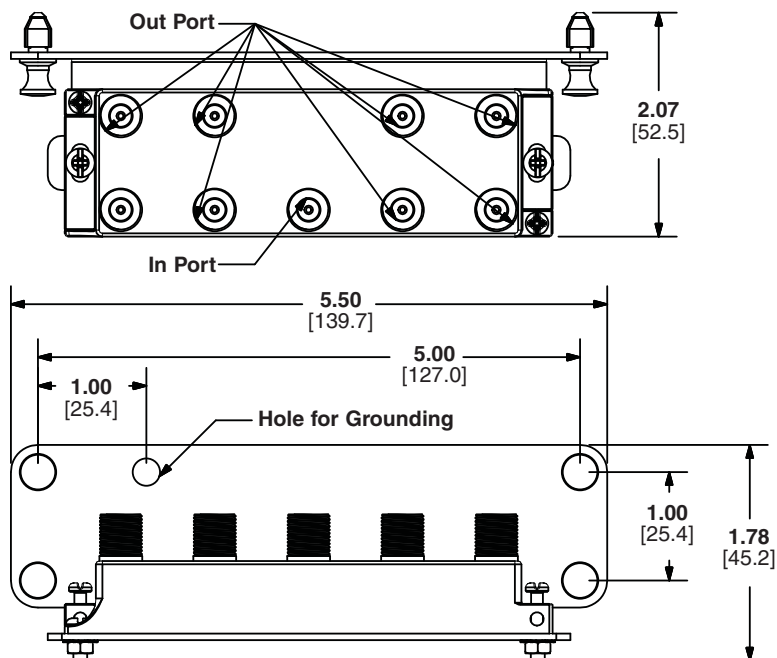


### 1GHz

Tested Performance for 1 x 8 Splitter (5 – 1000MHz)	
Insertion Loss	10.4 to 12.3dB (ranges from 5 – 1000MHz)
Isolation	minimum 24dB
Return Loss	minimum 19dB

### 2GHz

Tested Performance for 1 x 8 Splitter (5 – 2400MHz)	
Insertion Loss	12.0 to 18.5dB (ranges from 5 – 2400MHz)
Isolation	minimum 20dB
Return Loss	minimum 10dB



Dimensions are in inches [Dimensions in brackets are metric]

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