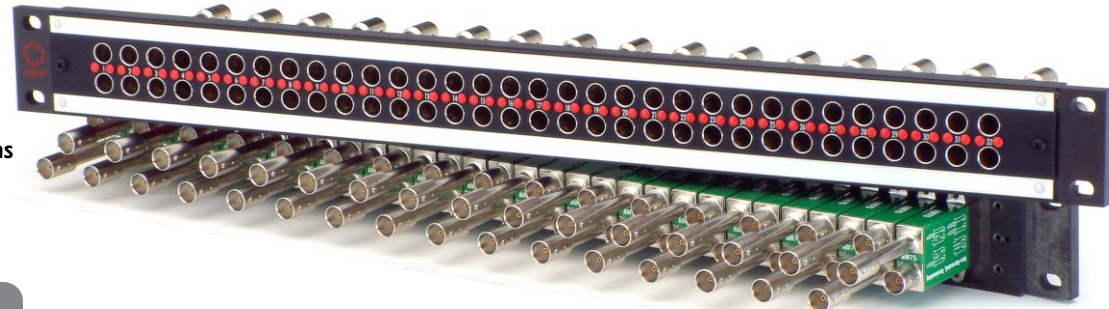


## SuperHD+ Series

## 3.0GHz - 3Gb/s Midsize Video Patchbay

### Featuring:

- SuperHD+ 3.0GHz - 3Gb/s Midsize jacks
- Jacks meet SMPTE 424M-2006 HDTV specifications
- Life Cycle rating of 30,000
- Various normalizing & terminating combinations for all applications
- 1RU, 1.5RU or 2RU Mosaic panels
- Made & assembled in Canada/USA



### Series

- A Mosaic
- T Mosaic (Black CIS)

### Panel Hole Configuration

- 32 1 x 32, 1RU only
- 32 2 x 32
- 32 1 x 36, 1RU only
- 36 2 x 36

### Rack Space

- 1 1 Rack Unit 1.75", 44mm
- 15 1.5 Rack Unit 2.62", 66mm
- 2 2 Rack Unit 3.50", 89mm

### Cable Bar Option

- BZ No Cable Bar
- B10 7.0" [178mm] Cable Bar  
*\*not available on 2x36 panels*
- B21 6.0" [152mm] cable bar, *\*only available on 2x36 panels, 1.5 & 2RU only*

### Installed Jack Type

- AMN75 3.0GHz - 3Gb/s 75Ω Normaled, Terminating, Dual
- AM75 3.0GHz - 3Gb/s 75Ω Non-Normaled, Terminating, Dual
- AMN 3.0GHz - 3Gb/s 75Ω Normaled, Non-Terminating, Dual
- AM 3.0GHz - 3Gb/s 75Ω Non-Normaled, Non-Terminating, Dual
- AMS 3.0GHz - 3Gb/s 75Ω Non-Normaled, Non-Terminating, Singles
- AMS75 3.0GHz - 3Gb/s 75Ω Terminating, Singles
- Z None (empty panel)



AV-DLP Looping Plug

### Midsize Video Jack Dust Plugs



DC-DBK10 ... Dust Plug, fits midsize video jack, black, package of 10 plugs

DC-DBK65 ... Dust Plug, fits midsize video jack, black, package of 65 plugs

For jack inside diameter, 0.304" [7.72mm]

## 3G HD-SDI Video Patchcords



### Patchcord Type

- KM Microsize Patchcord
- M Midsize Patchcord
- V Standard Size Patchcord

### Color

- BLACK
- RED
- GREEN
- BLUE
- PURPLE
- YELLOW
- ORANGE
- WHITE

example... MPC-3-RED

### Patchcord Length

- 1 1' [300mm]
- 1.5 1.5' [450mm]
- 2 2' [600mm]
- 3 3' [900mm]
- 4 4' [1.20m]
- 6 6' [1.80m]
- 10 10' [3.05m]



Connectors meet or exceed 3Gb/s and utilize BELDEN 4.5GHz HD-SDI Precision Video Cable

## Ordering Information

Popular Models		Designation Layouts... <a href="http://www.jackfields.com/support">www.jackfields.com/support</a>	
Model	Description		
Complete Patchbays - 3.0GHz - 3Gb/s normaled terminating (AMN75)			
AV-D232E1-AMN75-BZ	1RU, 2x32 Captive Screw Panel	32 AMN75 normaled terminating jacks, no cable bar	
AV-D232E2-AMN75-BZ	2RU, 2x32 Captive Screw Panel	32 AMN75 normaled terminating jacks, no cable bar	
Complete Patchbays - 3.0GHz - 3Gb/s non-normaled terminating (AM75)			
AV-D232E1-AM75-BZ	1RU, 2x32 Captive Screw Panel	32 AM75 non-normaled terminating jacks, no cable bar	
AV-D232E2-AM75-BZ	2RU, 2x32 Captive Screw Panel	32 AM75 non-normaled terminating jacks, no cable bar	
Empty Panels			
AV-D232E1-Z-BZ	1RU, 2x32 Captive Screw Panel, empty, no cable bar		
AV-D232E2-Z-BZ	2RU, 2x32 Captive Screw Panel, empty, no cable bar		



Partners in Broadcast, Telecom & Satellite Solutions



**AVP-AMN75**  
Normaled, Terminating



**AVP-AMN**  
Normaled, Non-Terminating



**AVP-AM75**  
Non-Normaled, Terminating



**AVP-AM**  
Non-Normaled, Non-Terminating

**AVP-AMSL**  
Non-Normaled, Non-Terminating



**AVP-AMSS**  
Non-Normaled, Non-Terminating

**AVP-AMSL75**  
Non-Normaled, Terminating



**AVP-AMSS75**  
Non-Normaled, Terminating

**AVP Mosaic Panel**

- Front-mount jacks simplify system re-design & maintenance
- Numbered jack positions for quick and accurate installation, system troubleshooting & operational ease
- Patented designation design maximizes viewable area
- CIS (Circuit Identification System), allows color-coding of every circuit

Captive screws stay in the panel, not lost in the rack

RoHS COMPLIANT

**Popular Models**

Model	Description
Complete Patchbays - 3.0GHz - 3Gb/s normaled terminating (AMN75)	
<b>AV-D232E1-AMN75-BZ</b>	1RU, 2x32 Captive Screw Panel 32 AMN75 normaled terminating jacks, no cable bar
<b>AV-D232E2-AMN75-BZ</b>	2RU, 2x32 Captive Screw Panel 32 AMN75 normaled terminating jacks, no cable bar
Complete Patchbays - 3.0GHz - 3Gb/s non-normaled terminating (AM75)	
<b>AV-D232E1-AM75-BZ</b>	1RU, 2x32 Captive Screw Panel 32 AM75 non-normaled terminating jacks, no cable bar
<b>AV-D232E2-AM75-BZ</b>	2RU, 2x32 Captive Screw Panel 32 AM75 non-normaled terminating jacks, no cable bar
Empty Panels	
<b>AV-D232E1-Z-BZ</b>	1RU, 2x32 Captive Screw Panel, empty, no cable bar
<b>AV-D232E2-Z-BZ</b>	2RU, 2x32 Captive Screw Panel, empty, no cable bar

# SuperHD+ Series

HDTV Midsize Video Patchbay

## 3.0 GHz Midsize Dual & Single Video Jack Specifications

Rated Bandwidth: 3.0 GHz - Meets HDTV SMPTE 424M Specification

Characteristic Impedance: 75 Ohms

Return Loss: See typical Return Loss chart

Insertion Loss: See typical Insertion Loss chart

Contact Resistance: Less than 50 milliohms

Termination Resistance: 75 Ohms ± 1%

Center Conductor: Accepts 0.048" pin diameter

**Environmental:**

Operating Temperature: -40°C to 65°C

Storage Temperature: -40°C to 65°C

Thermal Shock: Per MIL-STD-202, Method 107

Moisture and Humidity: Per MIL-STD-202, Method 106

**Mechanical:**

Mechanical Shock: Per MIL-STD-202, Method 213, Test condition I

Vibration: Per MIL-STD-202, Method 201

Insertion Force: 7 lbs. maximum

Withdrawal Force: 1 lb. minimum

Life cycle: 30,000 minimum

**Material:**

Housing: Zinc alloy, nickel plated

Center Contacts: Copper alloy, gold plated

Switching Contacts: Copper alloy, gold plated

Grounding Contacts: Copper alloy, gold plated

Actuators: Thermoplastic, UL 94V-0 rated

BNC Insulators: Teflon

