

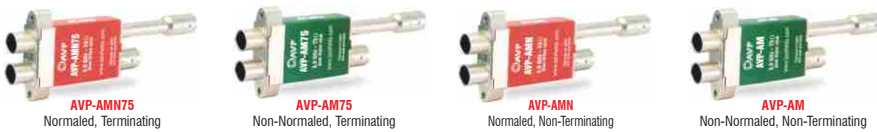
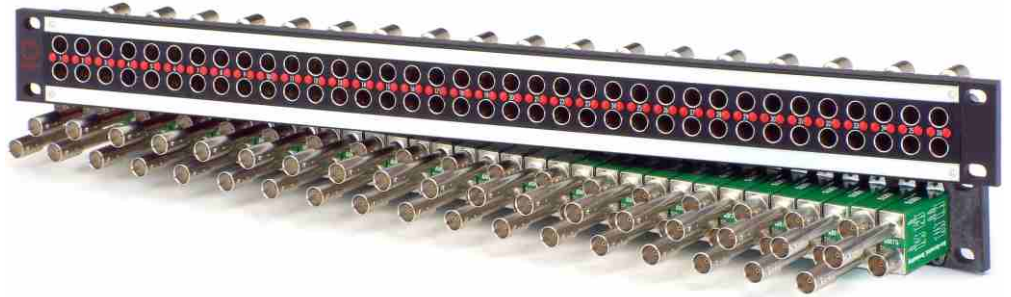
3.0GHz-3Gb/s 2x36 Midsize Video Jackfield

Featuring:

- SuperHD+ 3.0GHz-3Gb/s midsize dual video jacks
- Jacks exceed SMPTE 424M-2006 HDTV specifications
- Life Cycle rating of 30,000
- Made in North America
- Lifetime jack warranty
- Various normaling & terminating combinations for all applications
- 1, 1.5, & 2RU Mosaic panels

Application:

- HDTV, Serial Digital, Analog



3.0GHz-3Gb/s Midsize Dual Video Jack Specifications

Electrical:

| | |
|---------------------------|--|
| Rated Bandwidth: | 3.0GHz - 3Gb/s: Meets HDTV SMPTE 424M-2006 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 |
| RoHS: | Compliant |

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 |

Model Number **A V - D 2 3 6 E - - B Z** Ordering Information

Rack Space

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

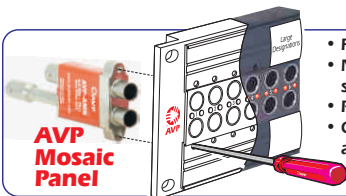
*Cable Bar Option not available with 2x36 panel

Installed Front-mount Jack Type

| | |
|-------|---|
| AMN75 | 3.0GHz-3Gb/s 75Ω Normaled, Terminating dual jacks |
| AM75 | 3.0GHz-3Gb/s 75Ω Non-Normaled, Term. dual jacks |
| AMN | 3.0GHz-3Gb/s 75Ω Normaled, Non-Term. dual jacks |
| AM | 3.0GHz-3Gb/s 75Ω Non-Normaled, Non-Term. dual jacks |
| Z | None (empty panel) |

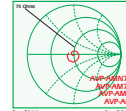
Popular Models

| Model | Description |
|--|--|
| Complete Jackfields - 3.0GHz-3Gb/s normaled terminating (AMN75) | |
| AV-D236E1-AMN75-BZ | 2x36 Panel, 1RU 36 AMN75 normaled terminating front-mount jacks, no cable bar |
| AV-D236E15-AMN75-BZ | 2x36 Panel, 1.5RU 36 AMN75 normaled terminating front-mount jacks, no cable bar |
| AV-D236E2-AMN75-BZ | 2x36 Panel, 2RU 36 AMN75 normaled terminating front-mount jacks, no cable bar |
| Complete Jackfields - 3.0GHz-3Gb/s non-normaled terminating (AM75) | |
| AV-D236E1-AM75-BZ | 2x36 Panel, 1RU 36 AM75 non-normaled terminating front-mount jacks, no cable bar |
| AV-D236E15-AM75-BZ | 2x36 Panel, 1.5RU 36 AM75 non-normaled terminating front-mount jacks, no cable bar |
| AV-D236E2-AM75-BZ | 2x36 Panel, 2RU 36 AM75 non-normaled terminating front-mount jacks, no cable bar |
| Empty Panels | |
| AV-D236E1-Z-BZ | 2x36 Panel, 1RU, empty, for front-mount jacks, no cable bar |
| AV-D236E15-Z-BZ | 2x36 Panel, 1.5RU, empty, for front-mount jacks, no cable bar |
| AV-D236E2-Z-BZ | 2x36 Panel, 2RU, empty, for front-mount jacks, no cable bar |

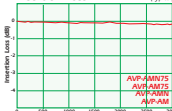


- Front-mount jacks simplify system re-design & maintenance
 - Numbered jack positions for quick and accurate installation, system troubleshooting & operational ease
 - Patented designation design maximizes viewable area
 - CIS (Circuit Identification System), allows color-coding of every circuit
- Captive screws stay in the panel, not lost in the rack

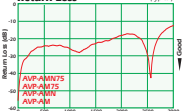
Smith Chart



Insertion Loss

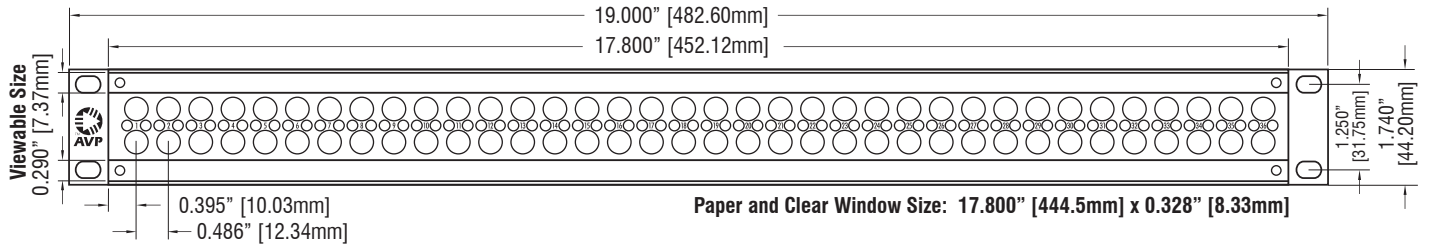


Return Loss

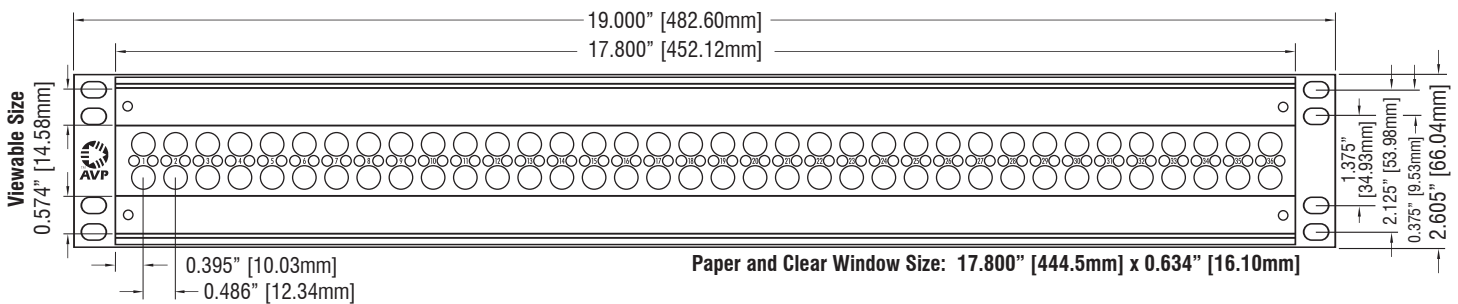


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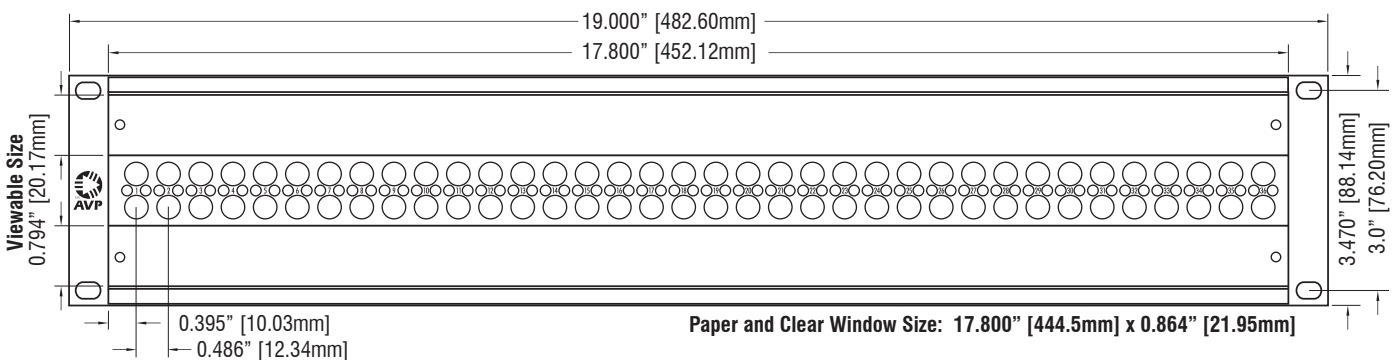
2x36 Position Midsize Video Designation Layouts



1 RU 36 Position AV-D236E1 Series



1.5 RU 36 Position AV-D236E15 Series



2 RU 36 Position AV-D236E2 Series

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