

## Profile Series HD Video 3.0GHz - 3Gb/s Midsize Jackfield

- Front-mount 3.0GHz - 3Gb/s midsize dual video jacks meet SMPTE 424M 2006 specifications
- Better than 15dB return loss
- Life Cycle rating of 30,000
- Made & assembled in North America



**AVP-PMN75**  
3.0GHz - 3Gb/s  
Normaled  
Terminating



**AVP-PM75**  
3.0GHz - 3Gb/s  
Non-Normaled  
Terminating

### Profile Series 3.0GHz - 3Gb/s Midsize Video Jack Specifications

#### Electrical:

Rated Bandwidth:	3.0GHz - 3Gb/s 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

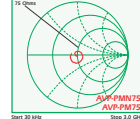
#### Mechanical:

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

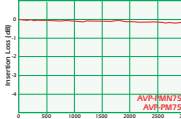
#### Material:

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

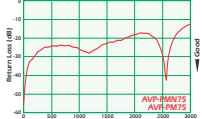
#### Smith Chart



#### Insertion Loss



#### Return Loss



### Ordering Information

**Model Number**  
P V - D 2 32 E - -

<b>Panel Configuration</b> 2 2x32	<b>Cable Bar Option</b> BZ No Cable Bar B10 7" [178mm] Cable Bar
<b>Number of Jacks Across</b> 32 32 Jacks	<b>Installed Front-mount Jack Type</b> PMN75 3.0GHz-3Gb/s 75Ω Normaled, Terminating, dual jacks PM75 3.0GHz-3Gb/s 75Ω Non-Normaled, Terminating, dual jacks Z None (empty panel)
<b>Rack Space</b> 1 1 Rack Unit 1.75", 44mm 15 1.5 Rack Unit 2.62", 66mm 2 2 Rack Unit 3.50", 89mm	

#### Popular Models

Model	Description
Complete Jackfields - 3.0GHz - 3Gb/s normaled terminating (PMN75)	
PV-D232E1-PMN75-BZ	2x32 Panel, 1RU 32 PMN75 normaled terminating dual jacks, no cable bar
PV-D232E15-PMN75-BZ	2x32 Panel, 1.5RU 32 PMN75 normaled terminating dual jacks, no cable bar
PV-D232E2-PMN75-BZ	2x32 Panel, 2RU 32 PMN75 normaled terminating dual jacks, no cable bar
Complete Jackfields - 3.0GHz - 3Gb/s non-normaled terminating (PM75)	
PV-D232E1-PM75-BZ	2x32 Panel, 1RU 32 PM75 non-normaled terminating dual jacks, no cable bar
PV-D232E15-PM75-BZ	2x32 Panel, 1.5RU 32 PM75 non-normaled terminating dual jacks, no cable bar
PV-D232E2-PM75-BZ	2x32 Panel, 2RU 32 PM75 non-normaled terminating dual jacks, no cable bar
Empty Panels	
PV-D232E1-Z-BZ	2x32 Panel, 1RU, empty, for front-mount jacks, no cable bar
PV-D232E15-Z-BZ	2x32 Panel, 1.5RU, empty, for front-mount jacks, no cable bar
PV-D232E2-Z-BZ	2x32 Panel, 2RU, empty, for front-mount jacks, no cable bar

\*All Profile Series product carries a 5 year limited warranty\*



### Midsize Video Patchcords MPC - - Model Number

Patchcord Length				Color		
1 1' [300mm]	3 3' [900mm]	10 10' [3.05m]	BLACK	BLUE	ORANGE	
15 1.5' [450mm]	4 4' [1200mm]		RED	YELLOW	WHITE	
2 2' [600mm]	6 6' [1800mm]		GREEN	PURPLE		