

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

- Front-mount 3.0 Ghz - 3Gb/s Standard Size 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-PSN7511**  
Normalized  
Terminating



**AVP-PS7511**  
Non-Normalized  
Terminating

### Profile Series 3.0GHz - 3Gb/s Standard Size 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 0.090" 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

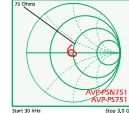
**Mechanical:**

Mechanical Shock:	Per MIL-STD-202, Method 213, Test condition 1
Vibration:	Per MIL-STD-202, Method 201
Insertion Force:	12 lbs. maximum
Withdrawal Force:	3 lb. minimum
Life cycle:	30,000 minimum

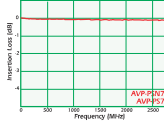
**Material:**

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

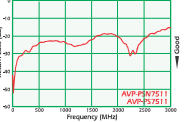
Smith Chart (Typical)



Insertion Loss (Typical)



Return Loss (Typical)



### Model Number

P V - C 2 - E - - -

### Ordering Information

**Panel Configuration**

2 2x24, or 2x26

**Number of Jacks Across**

24 24 Jacks  
26 26 Jacks

**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" [178mm] Cable Bar

**Installed Front-mount Jack Type**

PSN7511 3.0GHz - 3Gb/s 75Ω Normalized, Terminating  
PS7511 3.0GHz - 3Gb/s 75Ω Non-Normalized, Terminating  
Z None (empty panel)

**Popular Models**

Model	Description
Complete Jackfields - 3.0GHz - 3Gb/s normalized terminating (PSN7511)	
PV-C224E1-PSN7511-BZ	2x24 Panel, 1RU 24 PSN7511 normalized terminating dual jacks, no cable bar
PV-C224E15-PSN7511-BZ	2x24 Panel, 1.5RU 24 PSN7511 normalized terminating dual jacks, no cable bar
PV-C224E2-PSN7511-BZ	2x24 Panel, 2RU 24 PSN7511 normalized terminating dual jacks, no cable bar
Complete Jackfields - 3.0GHz - 3Gb/s non-normalized terminating (PS7511)	
PV-C224E1-PS7511-BZ	2x24 Panel, 1RU 24 PS7511 non-normalized terminating dual jacks, no cable bar
PV-C224E15-PS7511-BZ	2x24 Panel, 1.5RU 24 PS7511 non-normalized terminating dual jacks, no cable bar
PV-C224E2-PS7511-BZ	2x24 Panel, 2RU 24 PS7511 non-normalized terminating dual jacks, no cable bar
Empty Panels	
PV-C224E1-Z-BZ	2x24 Panel, 1RU, empty, for front-mount jacks, no cable bar
PV-C224E15-Z-BZ	2x24 Panel, 1.5RU, empty, for front-mount jacks, no cable bar
PV-C224E2-Z-BZ	2x24 Panel, 2RU, empty, for front-mount jacks, no cable bar

\*All Profile Series products carry a limited 5 year warranty\*



**Standard Size Video Patchcords**

Patchcord Length	
1 1' [300mm]	3 3' [900mm]
15 1.5' [450mm]	4 4' [1200mm]
2 2' [600mm]	6 6' [1800mm]
	10 10' [3.05m]

**Model Number**

Color		
BLACK	BLUE	ORANGE
RED	YELLOW	WHITE
GREEN	PURPLE	