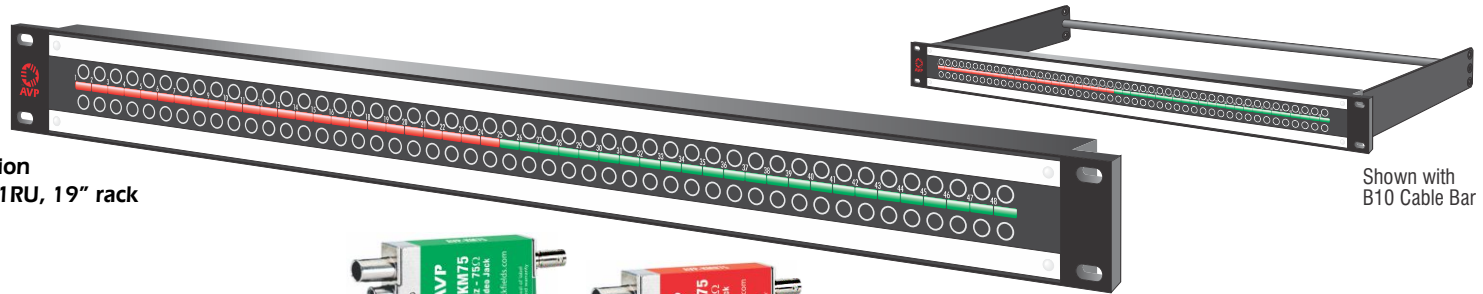


Super^{HD+} Series

3.0GHz - 3Gb/s Micro Video Patchbay

Featuring

- Front-mount
- 3.0GHz - 3Gb/s Micro Dual Video Jacks meet SMPTE 424M-2006 specifications
- Industry standard Mini-BNC rear termination
- Allows 48 channels / 96 patchpoints in a 1RU, 19" rack
- Life Cycle rating of 20,000
- Multiple jack configurations available
- Made & assembled in Canada/USA



Shown with B10 Cable Bar



Number of Jacks Across
48 48 Jacks

Cable Bar Option
BZ No Cable Bar
B10 7.0" [178mm] Cable Bar

Panel Height

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

Installed Front-mount Jack Type

KMN75	3.0GHz - 3Gb/s 75Ω Normaled, Terminating, dual jack
KM75	3.0GHz - 3Gb/s 75Ω Non-Normaled, Terminating, dual jack
KMN	3.0GHz - 3Gb/s 75Ω Normaled, Non-Terminating, dual jack
KM	3.0GHz - 3Gb/s 75Ω Non-Normaled, Non-Terminating, dual jack
Z	None (empty panel)



AV-KLP
Looping Plug

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	

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]

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



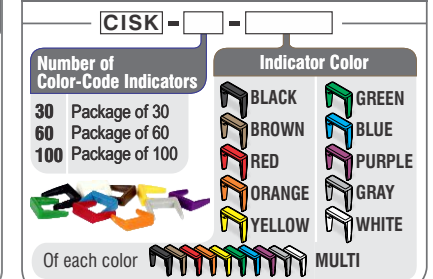
Ordering Information

Popular Models		Designation Layouts... www.jackfields.com/support	
Model	Description		
Complete Patchbays - 3.0GHz - 3Gb/s normaled terminating (KMN75)			
AV-K248E1-KMN75-B10	2x48 Panel, 1RU	48 KMN75 normaled terminating front-mount jacks, 7" [178mm] cable bar	
AV-K248E15-KMN75-B10	2x48 Panel, 1.5RU	48 KMN75 normaled terminating front-mount jacks, 7" [178mm] cable bar	
AV-K248E2-KMN75-B10	2x48 Panel, 2RU	48 KMN75 normaled terminating front-mount jacks, 7" [178mm] cable bar	
Complete Patchbays - 3.0GHz - 3Gb/s non-normaled terminating (KM75)			
AV-K248E1-KM75-B10	2x48 Panel, 1RU	48 KM75 non-normaled terminating front-mount jacks, 7" [178mm] cable bar	
AV-K248E15-KM75-B10	2x48 Panel, 1.5RU	48 KM75 non-normaled terminating front-mount jacks, 7" [178mm] cable bar	
AV-K248E2-KM75-B10	2x48 Panel, 2RU	48 KM75 non-normaled terminating front-mount jacks, 7" [178mm] cable bar	
Empty Panels			
AV-K248E1-Z-B10	2x48 Panel, 1RU, empty, for AVP front-mount jacks, 7" [178mm] cable bar		
AV-K248E15-Z-B10	2x48 Panel, 1.5RU, empty, for AVP front-mount jacks, 7" [178mm] cable bar		
AV-K248E2-Z-B10	2x48 Panel, 2RU, empty, for AVP front-mount jacks, 7" [178mm] cable bar		

Microsize Video Jack Dust Plugs



CISK Color-Code Circuit Indicators



Microsize Video Jacks Configurations and Specifications

SuperHD⁺ Series 3.0GHz - 3Gb/s Microsize Dual Video Jack Specifications



Electrical:

Rated Bandwidth: 3.0GHz-3Gb/s - Meets HDTV SMPTE 424M-2006 Specification
 Characteristic Impedance: 75 Ohms
 Contact Resistance: Less than 50 milliohms
 Termination Resistance: 75 Ohms ± 1%

Environmental:

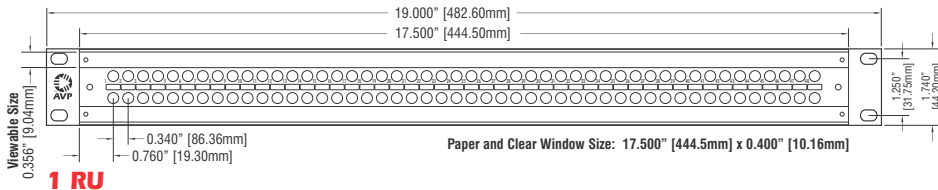
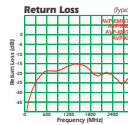
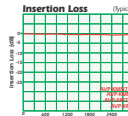
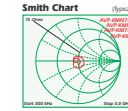
Operating Temperature: -40°C to 65°C
 Storage Temperature: -40°C to 65°C
 Thermal Shock: Per MIL-STD-202, Method 107
 Moisture and Humidity: Per MIL-STD-202, Method 106
 RoHS:

Mechanical:

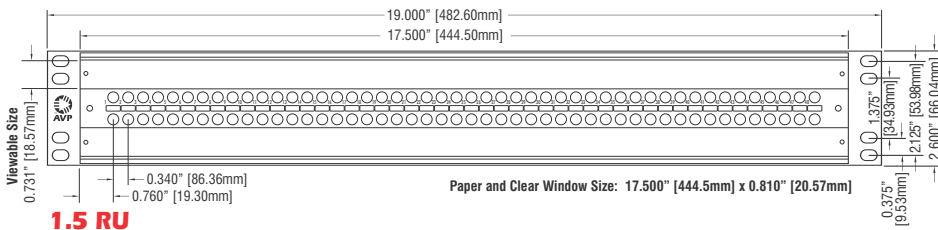
Mechanical Shock: Per MIL-STD-202, Method 213, Test condition I
 Vibration: Per MIL-STD-202, Method 201
 Life cycle: 20,000 minimum

Material:

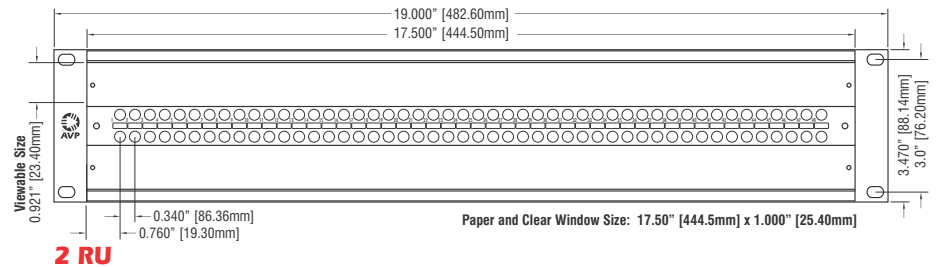
Housing: Zinc alloy, nickel plated
 Center Contacts: Copper alloy, gold plated
 Switching Contacts: Copper alloy, gold plated
 Grounding Contacts: Copper alloy, gold plated
 Actuators: Thermoplastic, UL 94V-0 rated
 Insulators: Teflon



1 RU



1.5 RU



2 RU

Microsize Video Designation Layouts