

# 8600 Series

## Miniature-Size DIN Video Jackfields

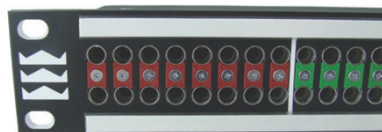
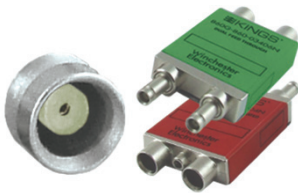


### Product Description

The 8600 Series Miniature Video Jackfield offers the highest density video patching solution. Jacks exceed SMPTE 424M-2006 specifications up to 4.5 GHz (3.0 Gbps) for the Television and Motion Picture Industry.

This Winchester KINGS® product contains superior features, including color-coded inserts on the front panel for easy identification of functionality. The Jacks are also color-coded on the rear side of the panel; Red identifies terminated and Green identifies feed-through Jacks.

The rear of the panel is a brilliant white with sequential port numbering for increased visibility and an improved two-piece slide-on designation label on the front. Miniature-Size Video Jackfields are available in 2 x 48 positions in a 1 RU height or 2 X 36 in a 1.5 RU height.



- 8600 Series Video Jacks feature a patent-pending, closed-entry DIN interface designed to redirect misaligned pins to prevent pin stubbing and “pass-by” pins which can cause signal failure and system downtime.

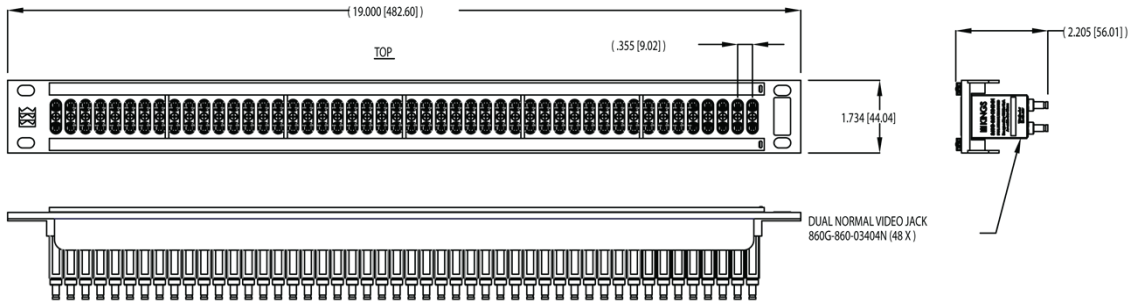
- Rear-mounted Dual Video Jacks are secured to the panel by a center mounting screw allowing users to unscrew Jacks from the front and easily remove from the rear.
- Color-coded Video Jacks and Inserts on the front of the panel allow users to visually identify Video Jack functionality from both the front and rear of equipment racks.

- “Normal” terminated and unterminated Jacks feature a red label. “Non-Normal” or “Feed-Thru” Jacks feature a green label.
- Brilliant white rear panel with black sequential port numbering from 1-96 for 1 RU or 1-72 for 1.5 RU increases visibility and makes it easier to locate a specific video port in dark cabled equipment bays.

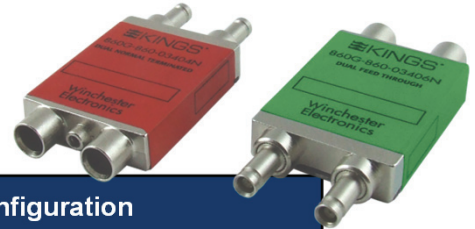
## 8600 Series Miniature Video Jackfields

Part Number	Configuration
8600-000-00704N	2 x 48, 1RU, Dual, Normal, Terminated
8600-000-00707N	2 x 48, 1RU, Dual, Feed-Thru
8600-000-00701N	2 x 48, 1.5RU, Dual, Normal, Terminated
8600-000-00705N	2 x 36, 1.5RU, Dual, Normal, Terminated

8600-000-00704N Shown



## 8600 Series Miniature Size Jacks



Part Number	Configuration
860G-860-03404N	Dual, Normal, Terminated
860G-860-03405N	Dual, Normal, Unterminated
860G-860-03406N	Dual, Feed-through

## Specifications

### Electrical

Bandwidth:	DC-4.5 GHz (3.0 Gbps) meets SMPTE 424M-2006 for HDTV
Nominal Impedance:	75 Ohms
Return Loss:	<-10 dB up to 4.5 GHz
Contact Resistance:	Less than 25 milliohms
Termination Resistance:	75 Ohms +/- 5%

### Mechanical

Mechanical Shock:	Per Mil-STD-202, Method 213, Test Condition 1
Vibration:	Per Mil-STD-202, Method 204, Test Condition A
Life Cycle:	30,000 minimum

### Environmental

Operating Temperature:	-40 degrees C to 85 degrees C
Storage Temperature:	-40 degrees C to 85 degrees C
Salt Spray:	Per Mil-STD-202, Method 101, Test Condition B
Thermal Shock:	Per Mil-STD-202, Method 107, Test Condition A
Moisture:	Per Mil-STD-202, Method 106
RoHS:	Compliant

### Material

Housing:	Zinc Alloy, Nickel plated
Center Contact:	Copper Alloy, Gold plated
Switching Contact:	Copper Alloy, Gold plated
Grounding Contact:	Copper Alloy, Gold plated
Insulator:	Teflon®



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