

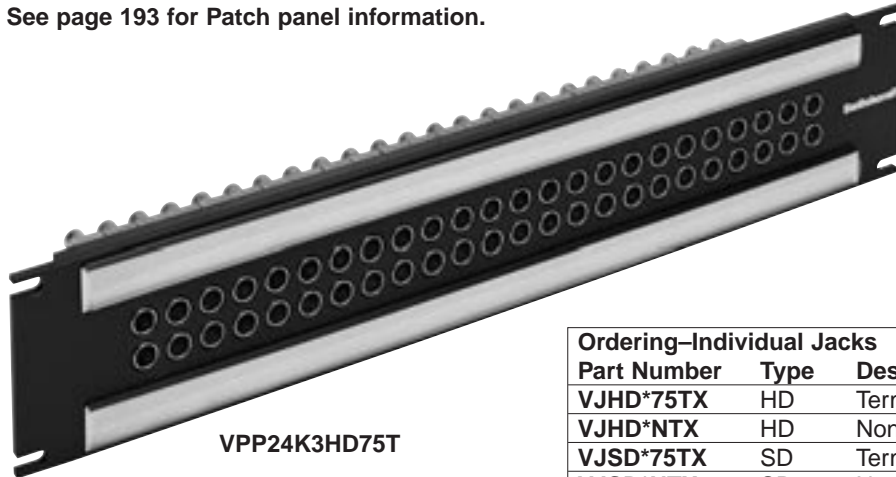
* Please visit the product pages on our website for the most up-to-date product information

VJ SERIES

See page 193 for Patch panel information.



VJHD*75TX



VPP24K3HD75T

Ordering—Individual Jacks		
Part Number	Type	Description
VJHD*75TX	HD	Terminated
VJHD*NTX	HD	Non-terminated
VJSD*75TX	SD	Terminated
VJSD*NTX	SD	Non-terminated

*Add "N" for non-normalled version

FEATURES AND BENEFITS

- HD Series meets SMPTE 292M Specifications
- SD Series has a bandwidth from DC to 1.75GHz
- Jacks feature rugged heavy duty housings

VIDEO JACK SPECIFICATIONS

ELECTRICAL

- Rated Bandwidth:** 2.4 GHz (HD), 1.75 GHz (SD)
- Characteristic Impedance:** 75 ohms
- Return Loss:** Better than -15 dB
- Insertion Loss:** Better than -.5 dB
- Contact Resistance:** Less than 20 milliohms
- Termination Resistance:** 75 W, ±1%
- Center Conductor:** Accepts .090 pin diameter

MECHANICAL

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

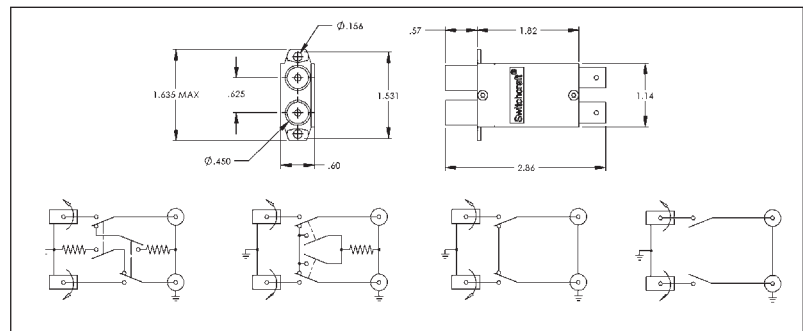
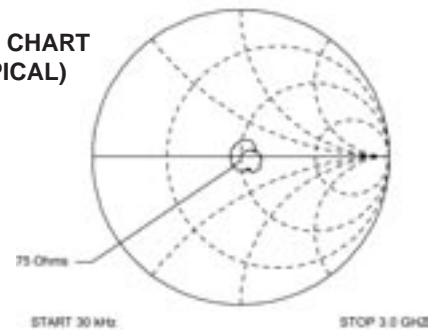
MATERIAL

- Housing:** Zinc alloy, nickel plated
- Center Contacts:** Copper alloy, gold plated
- Switching Springs:** Copper alloy, gold plated
- Grounding Contacts:**
 - HD Series - Copper alloy, gold plated
 - SD Series - Copper alloy, nickel plated
- Insulators:** Thermoplastic, UL 94V-0 rated

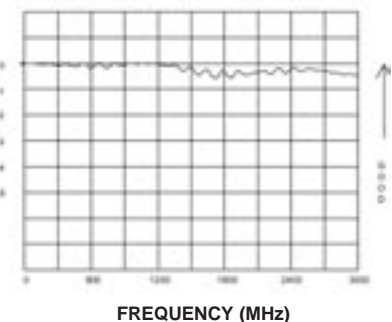
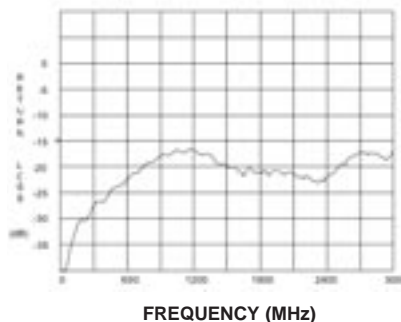
ENVIRONMENTAL

- Operating Temperature:** - 40°C to 65°C
- Storage Temperature:** - 55°C to 85°C
- Thermal Shock:** Per MIL-STD-202, Method 107
- Moisture and Humidity:** Per MIL-STD-202, Method 106.
- The HD Series meets SMPTE 292M specifications for high definition video signaling, covering a bandwidth range from DC to 2.4GHz. The SD Series is perfect for serial digital, with a bandwidth from DC to 1.75GHZ.

SMITH CHART (TYPICAL)



NON-NORMALLED TERMINATED NORMALLED TERMINATED NORMALLED NON-TERMINATED NON-NORMALLED NON-TERMINATED



DIMENSIONS ARE FOR REFERENCE ONLY $\frac{\text{Inch}}{\text{(mm)}}$

Switchcraft JACKS AND PLUGS