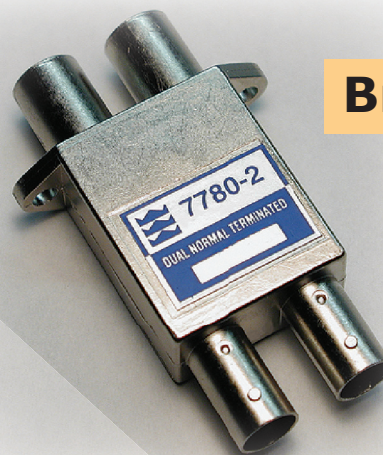


# 7780 SERIES

## Video Jack & Jackfields Standard Size High Definition 3.3 GHz

**50,000 CYCLES MINIMUM**  
**10-YEAR WARRANTY**  
**SOLID RELIABILITY**  
**POINT-TO-POINT SOLUTIONS**

**Broadcast**



- Designed to significantly exceed SMPTE 292 requirements
- Three models, with or without threaded flanges
- Mates with standard-sized patch plugs (0.37" diameter with W.E. 0.090" center pins)
- Standard 19" jackfield panels

### SPECIFICATIONS

#### Material

<i>Contacts</i>	Beryllium copper, brass
<i>Insulators</i>	Teflon®
<i>Dielectrics</i>	Zytel®
<i>Housing</i>	Zinc alloy (Zamac)
<i>Springs</i>	Beryllium copper

#### Finish

<i>Housing</i>	Nickel plate
<i>Contacts</i>	Gold plate
<i>Ground Contacts</i>	Nickel plate

#### Environmental

<i>Corrosion</i>	MIL-STD-202 Method 101 Temperature: -40°C to +85°C
<i>Humidity</i>	MIL-STD-202 Method 106 (90-98% R.H. 10 days)

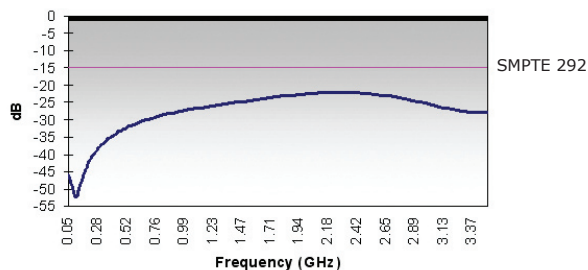
#### Electrical

<i>Return Loss</i>	Less than -20 dB to 2.4 GHz, -15 dB to 3.3 GHz
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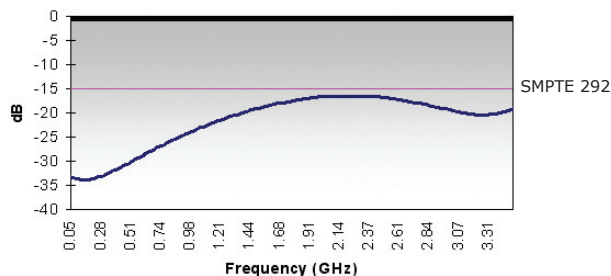
#### Mechanical

<i>Life</i>	50,000 cycles min.
<i>Withdrawal force</i>	3.0 lbs. min.

7780-2 Return Loss  
Normal Through Mode

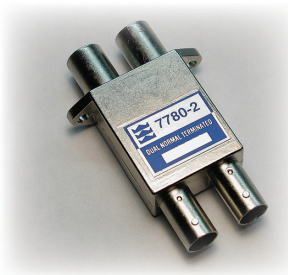


7780-2 Return Loss  
Internal Termination Mode



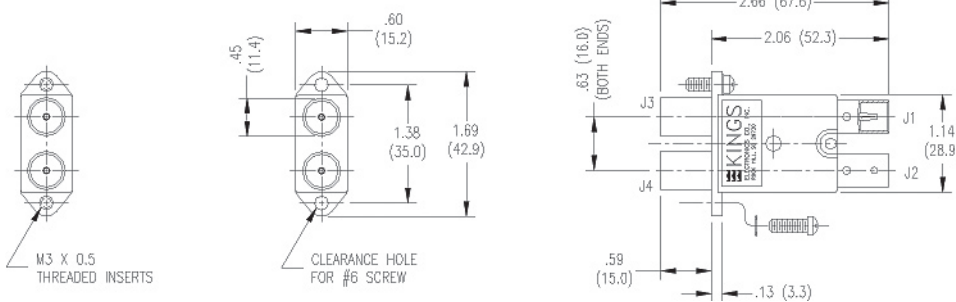
# 7780 SERIES

## Video Jack Standard Size High Definition 3.3 GHz



Video Jack	
P/N	Description
7780-2	Dual Normal Terminated
7780-3	Dual Normal
7780-4	Dual Feed Through
7780-5	Dual Normal Terminated, threaded flange
7780-6	Dual Normal, threaded flange
7780-7	Dual Feed Through, threaded flange

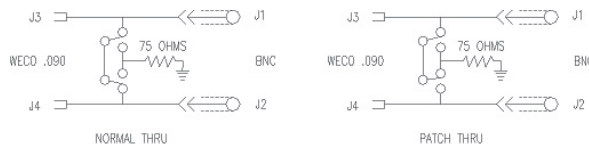
### DIMENSION DRAWING



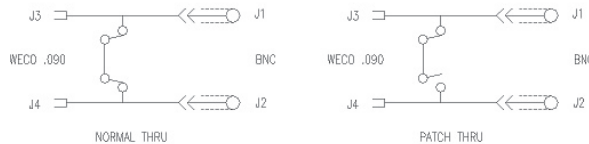
Video Jackfield	
P/N	Configuration
7785-6	1x24 term
7785-29	1x24 non term
7785-7	1x26 term
7785-31	1x26 non term
7785-41	1.5x24 term
7785-40	1.5x28 term
7785-8	2x24 term
7785-32	2x24 non term
7785-4	2x26 term
7785-30	2x26 non term

### SCHEMATICS

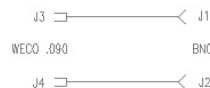
**P/N 7780-2 and 7780-5**  
Dual Normal Terminated  
(Internally with resistor 75 Ohms  $\pm$  5%)



**P/N 7780-3 and 7780-6**  
Dual Normal unterminated



**P/N 7780-4 and 7780-7**  
Dual Feed Thru Mode



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Your Solid, Point-To-Point Connection

# 7780 SERIES

## Video Jackfields Standard Size High Definition 3.3 GHz



### High Performance Standard Size

#### Dual-Self Normal Video Jack:

- Analog
- Serial Digital
- HDTV Broadcasting

#### Impedance:

- 75 Ohms nominal

#### Density:

- Up to 28 Jacks per panel  
1, 1.5, and 2 rack unit high panels

#### Mounting:

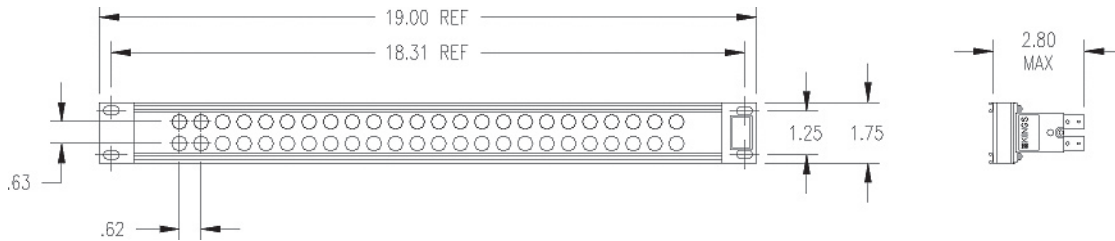
- Standard 19" panels

#### Panel Material:

- Black phenolic

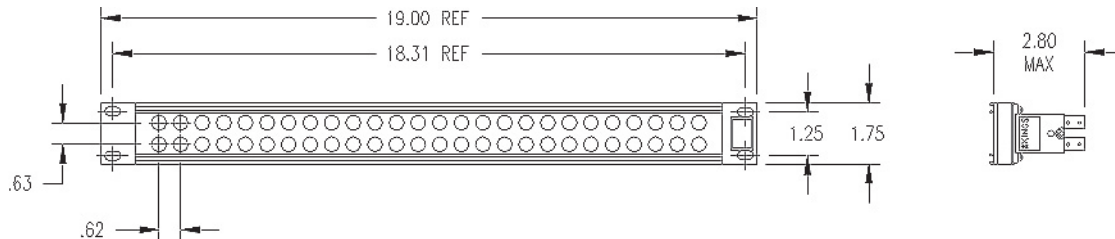
#### Designation Strips:

- Channel with designation strip and clear plastic cover



**P/N 7785-6** 1 RU high Video Jackfield includes 24 Video Jacks P/N 7780-2, terminated

**P/N 7785-29** 1 RU high Video Jackfield includes 24 Video Jacks P/N 7780-3, non terminated



**P/N 7785-7** 1 RU high Video Jackfield includes 26 Video Jacks P/N 7780-2, terminated

**P/N 7785-31** 1 RU high Video Jackfield includes 26 Video Jacks P/N 7780-3, non terminated

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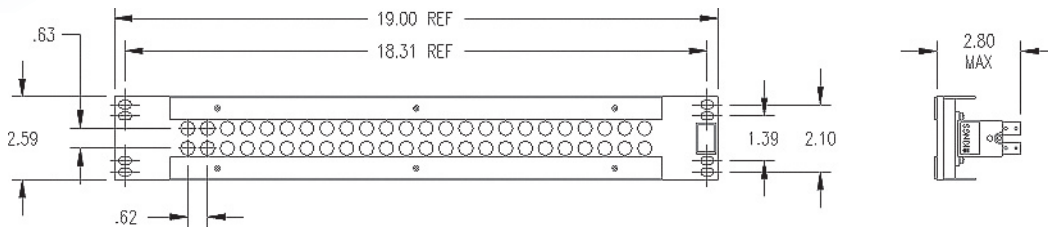
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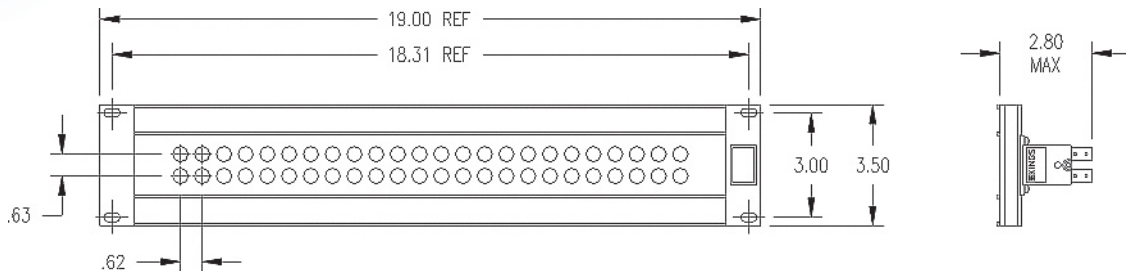
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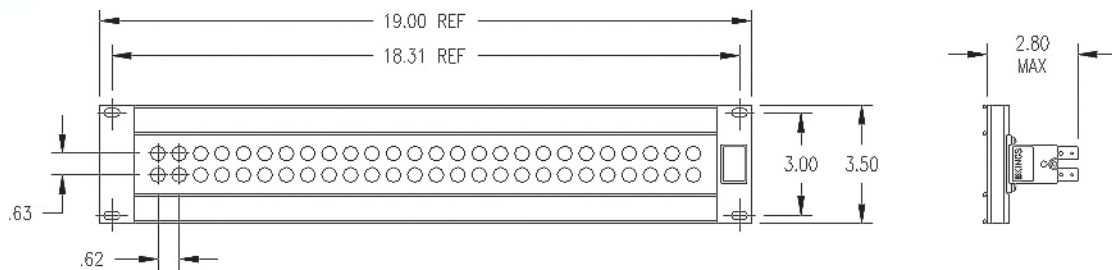
## Video Jackfields Standard Size High Definition 3.3 GHz



- P/N 7785-41** 1.5 RU high Video Jackfield includes 24 Video Jacks P/N 7780-2, terminated  
**P/N 7785-40** 1.5 RU high Video Jackfield includes 28 Video Jacks P/N 7780-2, terminated



- P/N 7785-8** 2 RU high Video Jackfield includes 24 Video Jacks P/N 7780-2, terminated  
**P/N 7785-32** 2 RU high Video Jackfield includes 24 Video Jacks, P/N 7780-3, non-terminated



- P/N 7785-4** 2 RU high Video Jackfield includes 26 Video Jacks P/N 7780-2, terminated  
**P/N 7785-30** 2 RU High Video Jackfield includes 26 Video Jacks, P/N 7780-3, non-terminated

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