

Standard / HDTV

Video Jacks – 7750 Series



7750-2 High Definition Video Jack 4.8 GHz Plus

Kings new high definition 7750 series of video jacks have been designed to exceed SMPTE 292 requirements and include the same proven reliability of its predecessors, the 7500 series and the high frequency 7730 series video jacks. Kings new 7750 series of video jacks mate with standard sized (.37 diameter) patch plugs with W.E. .090" center pin.

SPECIFICATIONS

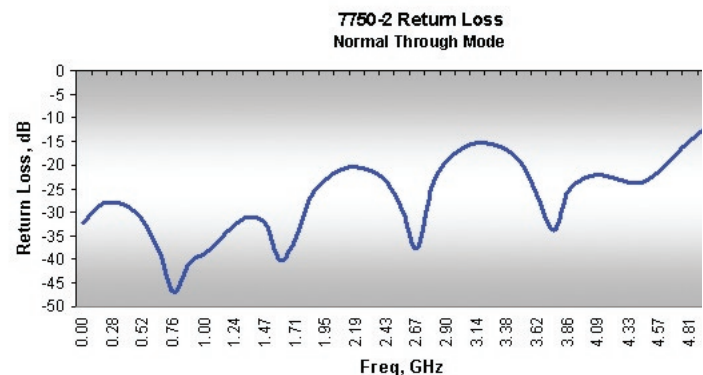
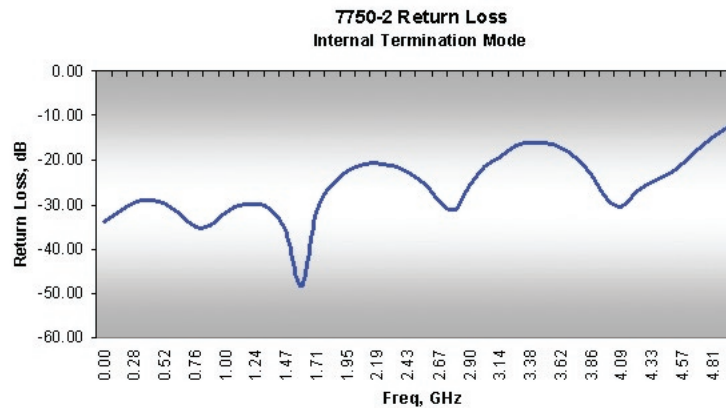
Material: Contacts: Beryllium Copper, Brass
 Insulators: Lubricomp
 Dielectrics: Teflon[®], Kapton[®]
 Housing: Zinc Alloy (Zamac)
 Spring: Stainless Steel
 Beryllium Copper
 Nickel Silver

Finish: Housing: Nickel Plate
 Contacts: Gold Plate
 Ground Contacts: Nickel Plate

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

Electrical: Return Loss: Less than -20 dB to 2.4 GHz,
 -15 dB to 4.8 GHz plus

Mechanical: Life: 30,000 cycles min.
 Withdrawal force: 3.0 Lbs. min.



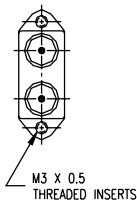
Video Jack Cross Reference		
New P/N	Description	Old P/N
7750-2	Dual Normal Terminated	7730-2
7750-3	Dual Normal	7730-3
7750-4	Dual Feed Through	7730-4
7750-5	Dual Normal Terminated, threaded flange	7730-5
7750-6	Dual Normal, threaded flange	7730-6
7750-7	Dual Feed Through, threaded flange	7730-7

Video Jack Field Cross Reference		
New P/N	Configuration	Old P/N
7755-6	1 x 24 term	7745-6
7755-29	1 x 24 non term	7745-29
7755-7	1 x 26 term	7745-7
7755-31	1 x 26 non term	7745-31
7755-41	1.5 x 24 term	N/A
7755-40	1.5 x 28 term	N/A
7755-8	2 x 24 term	7745-8
7755-32	2 x 24 non term	7745-32
7755-4	2 x 26 term	7745-4
7755-30	2 x 26 non term	745-30

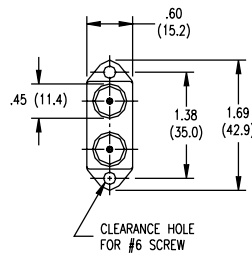
See pages 7 and 8 for details.

DIMENSION DRAWING

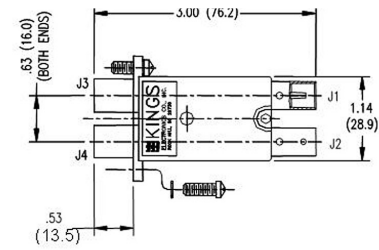
MOUNTING BRACKET
P/N 7750-5
7750-6
7750-7



MOUNTING BRACKET
P/N 7750-2
7750-3
7750-4

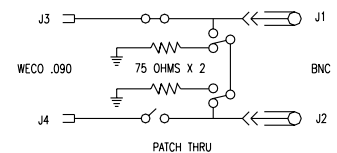
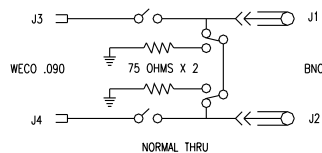


Note: P/N 7750-2 & 5, 7750-3 & 6 and 7750-4 & 7 are the same except 5, 6 & 7 have inserts in the mounting bracket capable of being used in CANARE panels.

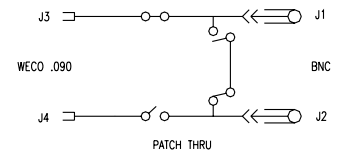
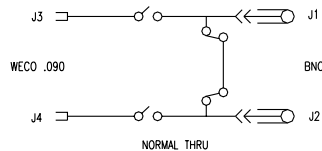


SCHEMATICS

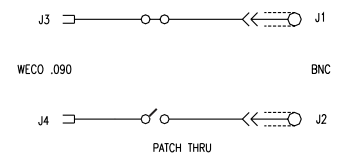
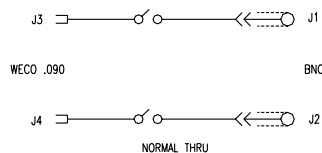
P/N 7750-2 and 7750-5
DUAL NORMAL TERMINATED
(Internally with resistor 75 ohms ±1%)



P/N 7750-3 and 7750-6
DUAL NORMAL UNTERMINATED



P/N 7750-4 and 7750-7
DUAL FEED THRU MODE



Dimensions in inches