

MID-SIZE VIDEO JACKS



- 75 Ohm Nominal Impedance – suitable for Analog, Serial Digital, and HDTV applications.
- Offers higher panel density and increased frequency range.
- Mates with standard BNC plugs and mid-size (0.050" center pin) patch plugs.
- Meets SMPTE 424M (3G-SDI) and HDTV standards.
- Terminated, un-terminated, and feed-through versions available in dual or single configurations.
- Frequency Range: Up to 3.5 GHz

SPECIFICATIONS

MATERIAL

Body:	Brass or Zinc Alloy
Contacts:	Beryllium Copper
Springs:	Beryllium Copper
Insulators:	Teflon®
Dielectrics:	Topas®

FINISHES

Body:	Nickel
Contacts:	Gold

ELECTRICAL

Impedance:	75 Ohms
Frequency Range:	Dual Jacks: DC to 4.1 GHz
	Single Jacks: DC to 3.0 GHz
Return Loss:	Dual Jacks: -20 dB Minimum to 2.4 GHz
	-10 dB Minimum to 4.1 GHz
	Single Jacks: -20 dB Minimum to 1.5 GHz
	(self-terminated) -10 dB Minimum to 3.0 GHz

MECHANICAL

Life:	30,000+ Cycles
Withdrawal Force:	2.0 Pounds Minimum

ENVIRONMENTAL

Temperature Range:	-40° C to +85° C
Corrosion:	MIL-STD-202, Method 101
Moisture Resistance:	MIL-STD-202, Method 106

DUAL

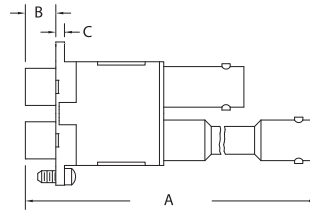


FIGURE 1

SINGLE

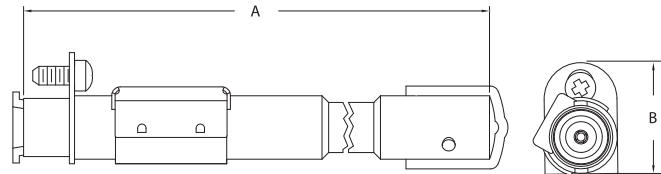


FIGURE 2

Item Number	Military PN	Product Description	Gender	Finish	Dimensions				Cable Group	Cable Procedure	Crimp Die	Mounting Hole	Figure #
					A	B	C	D					
7790-4		Mid-Size, Dual, Feed Through	F-F	Nickel	3.375	0.285	0.081						1
7790-3		Mid-Size, Dual, Non Terminated	F-F	Nickel	3.375	0.285	0.081						1
7790-2		Mid-Size, Dual, Terminated	F-F	Nickel	3.375	0.285	0.081						1
7772-2		Mid-Size, Single, Non Terminated, Long	F-F	Nickel	3.389	0.665							2
7772-1		Mid-Size, Single, Non Terminated, Short	F-F	Nickel	2.060	0.665							2
7772-4		Mid-Size, Single, Terminated, Long	F-F	Nickel	3.389	0.359	0.665						2
7772-3		Mid-Size, Single, Terminated, Short	F-F	Nickel	2.060	0.359	0.665						2