

- 75 Ohm Nominal Impedance – suitable for Analog, Serial Digital, and HDTV applications.
- Mates with standard BNC plugs and standard (0.090" center pin) patch plugs.
- Meets SMPTE 424M 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:	Zinc Alloy
Contacts:	Beryllium Copper or Brass
Springs:	Beryllium Copper
Insulators:	Teflon® or Delrin®
Dielectrics:	Zytel®

FINISHES

Body:	Nickel
Center Contacts:	Gold

ELECTRICAL

Impedance:	75 Ohms
Frequency Range:	Dual Jacks: DC to 3.5 GHz
	Single Jacks: DC to 1.5 GHz
Return Loss:	Dual Jacks: -15 dB Minimum to 2.4 GHz
	-10 dB Minimum to 3.5 GHz
	Single Jacks: -18 dB Minimum to 750 MHz
	(self-terminated) -10 dB Minimum to 1.5 GHz

MECHANICAL

Life:	50,000 Cycles
Withdrawal Force:	3.0 Pounds Minimum

ENVIRONMENTAL

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

DUAL

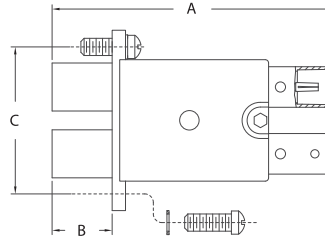


FIGURE 1

SINGLE

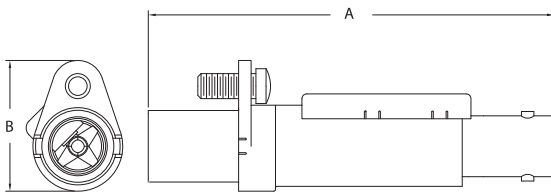


FIGURE 2

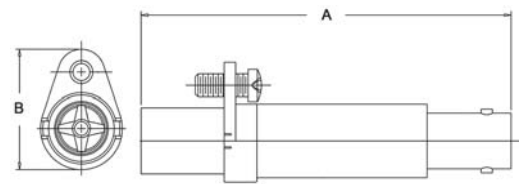


FIGURE 3

Item Number	Military PN	Product Description	Gender	Finish	Dimensions				Cable Group	Cable Procedure	Crimp Die	Mounting Hole	Figure #
					A	B	C	D					
7780-4		Standard Size, Dual, Feed Through	F-F	Nickel	2.650	0.560							1
7780-7		Standard Size, Dual, Feed Through, Threaded Flange	F-F	Nickel	2.650	0.560	1.380						1
7780-3		Standard Size, Dual, Non Terminated	F-F	Nickel	2.650	0.560	1.380						1
7780-6		Standard Size, Dual, Non Terminated, Threaded Flange	F-F	Nickel	2.650	0.560	1.380						1
7780-2		Standard Size, Dual, Terminated	F-F	Nickel	2.650	0.560	1.380						1
7780-5		Standard Size, Dual, Terminated, Threaded Flange	F-F	Nickel	2.650	0.560	1.380						1
7520-10		Standard Size, Single, Terminated	F-F	Nickel	2.540	0.820							2
7520-9		Standard Size, Single, Non Terminated	F-F	Nickel	2.540	0.820							3