

**PATCH PLUGS**



- 75 Ohm Impedance, HDTV capable.
- Made to fit a variety of industry leading cables.
- Simple crimp style design allows for quick and easy field installation.
- Standard Size patch plugs mate with Standard Size video jacks (.090( Pin Size)
- Mid-Size patch plugs mate with Mid-Size video jacks (.050( Pin Size)

**PATCH PLUG TERMINATION**

- 75 Ohm Impedance, operates to 2.5 GHz.
- Durable construction.
- Eliminates open circuits by matching impedance of the connected line.
- Prevents signal reflection and possible associated equipment malfunction.

**SPECIFICATIONS**

**MATERIAL**

Body:	Brass
Contacts:	Brass
Insulators:	Teflon®
Crimp Sleeves:	Commercial Bronze

**FINISHES**

Body:	Nickel
Contacts:	Gold

**ELECTRICAL**

Impedance:	75 Ohms
Frequency Range:	DC to 2.5 GHz
Voltage Rating:	500 VRMS

**MECHANICAL**

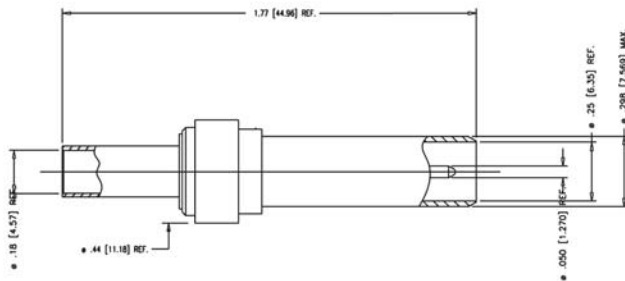
Life:	500 cycles minimum
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**ENVIRONMENTAL**

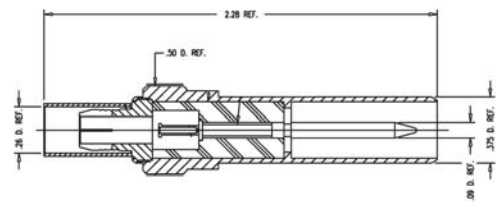
Moisture:	MIL-STD-202 Method 106
Corrosion:	MIL-STD-202 Method 101

**INTERFACE DIMENSIONS**

Mid-Size



Standard



**PLUGS**

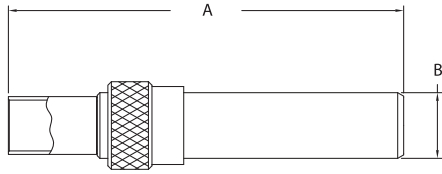


FIGURE 1

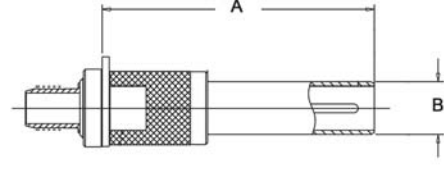


FIGURE 2

**TERMINATION**

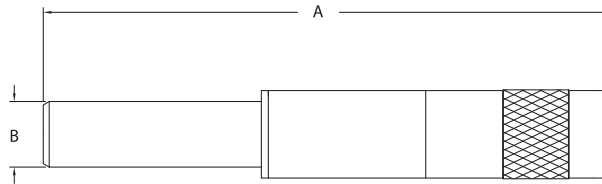


FIGURE 3

Item Number	Military PN	Product Description	Gender	Finish	Dimensions				Cable Group	Cable Procedure	Crimp Die	Mounting Hole	Figure #
					A	B	C	D					
7410-10 QD		Patch Plug, Mid-Size	M	Nickel	1.770	0.298			26	CP-401	KTH-2025		1
7410-16		Patch Plug, Mid-Size	M	Nickel	1.790	0.298			25	CP-401	KTH-2255		1
7410-20		Patch Plug, Mid-Size	M	Nickel	1.790	0.298			24	CP-401	KTH-2261		1
7510-1		Patch Plug, Standard Size	M	Nickel	2.280	0.375			G1	CP-470	KTH-2002		1
7510-16 QD		Patch Plug, Standard Size	M	Nickel	2.280	0.375			25	CP-470	KTH-2267		1
7510-21		Patch Plug, Standard Size	M	Nickel	2.280	0.375			24	CP-470	KTH-2261		1
7510-4		Patch Plug, Standard Size	M	Nickel	2.280	0.375			Q	CP-470	KTH-2012		1
7410-14		Patch Plug, Mid-Size	M	Nickel	1.550	0.300			30	3-661-5	KTH-2286		2
7410-15		Patch Plug, Mid-Size	M	Nickel	1.610	0.300			31	3-680	KTH-2185		2
7510-7		Patch Termination, 75 Ohm	M	Nickel	3.250	0.375							3