

75 OHM BNC



- 75 Ohm performance suitable for Analog, Serial Digital and HDTV applications.
- Meets or exceeds SMPTE 292 requirements.
- Several configurations available to fit a variety of cables.
- Simple, full crimp design for easy field installation.
- Quick connect and disconnect with Bayonet coupling.
- A Mini BNC version is also available - contact Customer Service for additional information.

**SPECIFICATIONS**

MATERIAL

Body: Brass  
Outer Contact: Beryllium Copper  
Insulator: Teflon<sup>®</sup>  
K-Grip Sleeve: Commercial Bronze

FINISHES

Body: Nickel  
Contacts: Gold

ELECTRICAL

Impedance: 75 Ohms  
Voltage Rating: 500 Volts RMS  
Return Loss: Up to 1 GHz, -36 dB min  
Up to 2 GHz, -25 dB min  
Up to 3 GHz, -23 dB min  
Up to 4 GHz, -20 dB min

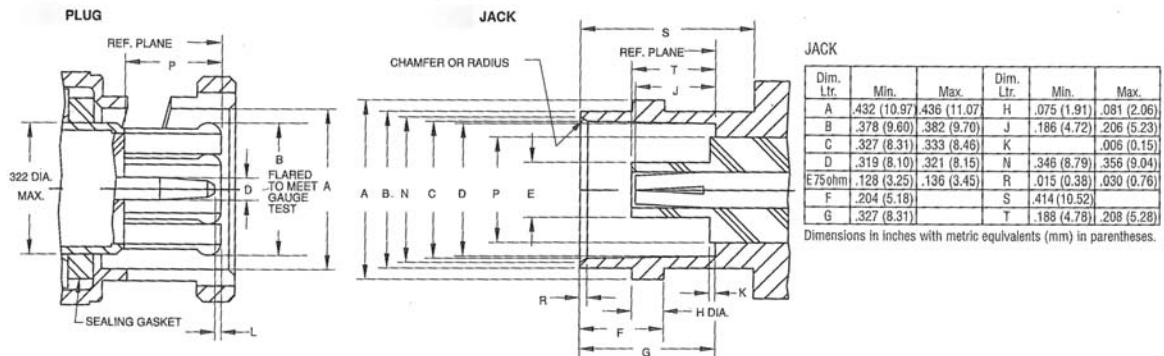
MECHANICAL

Life: 500 cycles minimum  
Cable Retention: 10 lbs to 40 lbs, Depending on Cable Size  
Engagement Force: 2.5 lbs maximum, Torque  
3.0 lbs maximum, Longitudinal

ENVIRONMENTAL

Temperature: -65°C to +165°C  
Moisture: 0 to 95%  
MIL-STD-202 Method 106  
Corrosion: MIL-STD-202 Method 101,  
Test Condition B  
Flammability: UL 94-VO Rated  
Vibration: MIL-STD-202 Method 204,  
Test Condition B

**INTERFACE DIMENSIONS**



ADAPTERS

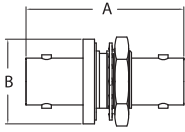


FIGURE 1

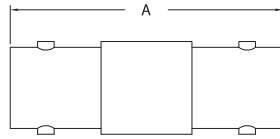


FIGURE 2

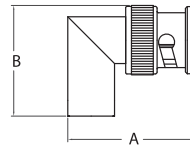


FIGURE 3

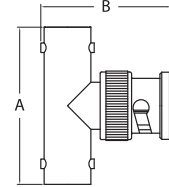


FIGURE 4

TERMINATION

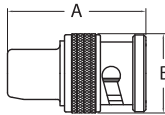


FIGURE 5

BULKHEAD JACK

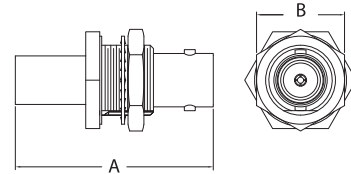


FIGURE 6

RECEPTACLES

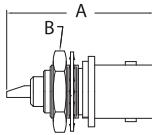


FIGURE 7

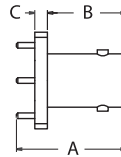


FIGURE 8

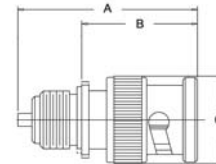


FIGURE 9

Item Number	Military PN	Product Description	Gender	Finish	Dimensions				Cable Group	Cable Procedure	Crimp Die	Mounting Hole	Figure #	
					A	B	C	D						
2029-9-9		Adapter, Bulkhd, Jk-Jk	F-F	Nickel	1.280	0.690						X	1	
2029-17-9 QD		Adapter, Bulkhd, Jk-Jk, Iso Gd, Hex	F-F	Nickel	1.280	0.630						X	1	
2029-33-9		Adapter, Bulkhd, Jk-Jk, Iso Gd, Spanner	F-F	Nickel	1.280	0.630						X	1	
2029-15-9		Adapter, Jk-Jk	F-F	Nickel	1.280								2	
2029-20-9		Adapter, Rt Angle, Jk-Plg	F-M	Nickel	1.030	0.900							3	
2029-16-9		Adapter, Tee, Jk-Plg-Jk	F-M-F	Nickel	1.280	1.060							4	
2555-3-32		Termination, 0.1%, 1/2 Watt	M	Nickel	1.000	0.570							5	
2022-29-9		Jack, Bulkhd, Rear Mt	F	Nickel	1.400	0.630				25	CP-465	KTH-2010	X	6
2022-32-9		Jack, Bulkhd, Rear Mt	F	Nickel	1.220	0.500				26	3-661-1	KTH-2185	AB	6
2022-17-29		Jack, Bulkhd, Rear Mt	F	Nickel	1.610	0.690				30	3-661-5	KTH-2186	X	6
2022-18-29		Jack, Bulkhd, Rear Mt	F	Nickel	1.610	0.630				31	3-661-5	KTH-2185	X	6
2022-28-9		Jack, Bulkhd, Rear Mt	F	Nickel	1.400	0.241				Q	CP-465	KTH-2010	X	6
2024-7-9		Receptacle, Bulkhd, Jack	F	Nickel	1.060	0.500					SOLDER		H	7
2027-17-29		Receptacle, PCB	F	Nickel	0.780	0.560	0.090				SOLDER			8
2024-16-9		Receptacle, Bulkhd, Plug	M	Nickel	1.130	0.723	0.573				SOLDER		AB	9

**ANGLE PLUGS**

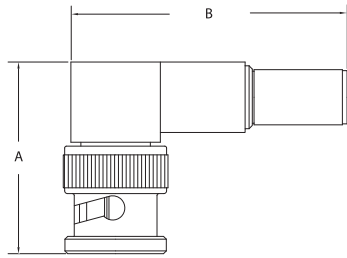


FIGURE 10

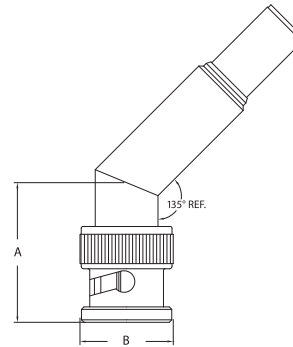


FIGURE 11

**PLUGS**

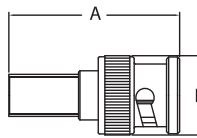


FIGURE 12

Item Number	Military PN	Product Description	Gender	Finish	A	B	C	D	Cable Group	Cable Procedure	Crimp Die	Mounting Hole	Figure #
2026-16-9		Plug, Crimp, Rt Angle	M	Nickel	1.030	1.330			30	3-661-5	KTH-2186		10
2026-17-9		Plug, Crimp, Rt Angle	M	Nickel	1.030	1.330			31	3-661-5	KTH-2185		10
2026-33-9		Plug, Crimp, Rt Angle	M	Nickel	1.030	1.480			25	3-661-5	KTH-2255		10
2026-34-9		Plug, Crimp, Rt Angle	M	Nickel	1.030	1.480			Q	3-661-5	KTH-2119		10
2026-35-9		Plug, Crimp, 45 Deg Angle	M	Nickel	0.840	0.570			30	3-661-5	KTH-2186		11
2026-35-9 M66		Plug, Crimp, 45 Deg Angle, Bulk Pkg	M	Nickel	0.840	0.570			30	3-661-5	KTH-2186		11
2026-36-9		Plug, Crimp, 45 Deg Angle	M	Nickel	0.840	0.570			31	3-661-5	KTH-2185		11
2026-36-9 M66		Plug, Crimp, 45 Deg Angle, Bulk Pkg	M	Nickel	0.840	0.570			31	3-661-5	KTH-2185		11
2025-44-9		Plug, Crimp	M	Nickel	1.200	0.570			31	3-661-5	KTH-2185		12
2025-44-9 M66		Plug, Crimp, Bulk Pkg	M	Nickel	1.200	0.570			31	3-682	KTH-2185		12
2025-76-9		Plug, Crimp	M	Nickel	1.200	0.570			30	3-661-5	KTH-2186		12
2065-1-9		Plug, Crimp	M	Nickel	1.220	0.570			27	3-661-1	KTH-2261		12
2065-1-9 M66		Plug, Crimp, Bulk Pkg	M	Nickel	1.220	0.570			27	3-661-1	KTH-2261		12
2065-2-9		Plug, Crimp	M	Nickel	1.220	0.570			24	3-661-1	KTH-2261		12
2065-2-9 M66		Plug, Crimp, Bulk Pkg	M	Nickel	1.220	0.570			24	3-661-1	KTH-2261		12
2065-7-9		Plug, Crimp	M	Nickel	1.220	0.570			G1	3-661-1	KTH-2261		12
2065-7-9 M66		Plug, Crimp, Bulk Pkg	M	Nickel	1.220	0.570			G1	3-661-1	KTH-2261		12
2065-8-9		Plug, Crimp	M	Nickel	1.220	0.570			81	3-661-3	KTH-2004		12
2065-8-9 M66		Plug, Crimp, Bulk Pkg	M	Nickel	1.220	0.570			81	3-661-3	KTH-2004		12
2065-10-9		Plug, Crimp	M	Nickel	1.220	0.570			25	3-661-4	KTH-2255		12
2065-10-9 M66		Plug, Crimp, Bulk Pkg	M	Nickel	1.220	0.570			25	3-661-4	KTH-2255		12
2065-11-9		Plug, Crimp	M	Nickel	1.220	0.570			26	3-661-1	KTH-2025		12
2065-11-9 M66		Plug, Crimp, Bulk Pkg	M	Nickel	1.220	0.570			26	3-661-1	KTH-2025		12
2065-15-9		Plug, Crimp	M	Nickel	1.220	0.570			Q	3-661-4	KTH-2119		12
2065-15-9 M66		Plug, Crimp, Bulk Pkg	M	Nickel	1.220	0.570			Q	3-661-4	KTH-2119		12
2065-28-9		Plug, Crimp	M	Nickel	1.210	0.560			23B	3-661-1	KTH-2258		12
2065-29-9		Plug, Crimp	M	Nickel	1.210	0.560			23A	3-764-1	KTH-2276		12