

LONG BARREL BNC



- 75 Ohm performance suitable for Analog, Serial Digital and HDTV applications.
- Meets or exceeds SMPTE 424M (3G-SDI) 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.
- Ergonomic Design - longer grip

SPECIFICATIONS

MATERIAL

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

FINISHES

Body: Nickel
 Contacts: Gold

ELECTRICAL

Impedance: 75 Ohms
 Voltage Rating: 500 Volts RMS
 Return Loss: 1.5 GHz, < -31 dB min
 3 GHz, < -24 dB min
 6 GHz, < -20 dB min
 Contact Resistance: Center 0.0014 Ohms
 Outer 0.002 Ohms
 Insulation Resistance: 5000 megohms

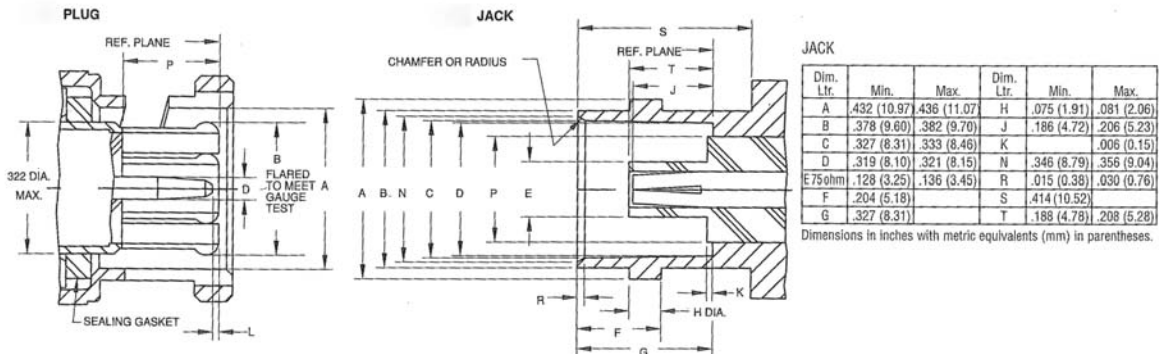
MECHANICAL

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
 Solvent Resistance: MIL-STD-202 Method 215

INTERFACE DIMENSIONS



PLUGS

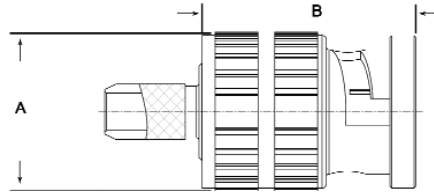


FIGURE 1

Item Number	Military PN	Product Description	Gender	Finish	Dimensions		Contact Hex	Ferrule Hex	Cable Group	Cable Procedure	Crimp Die	Mounting Hole	Figure #
					A	B							
2065-E00-C7202N		Plug, 75 Ohm	M	Nickel	0.572	0.771	0.041	0.178	26	3-661-1	KTH-5003		1
2065-E00-C7102N		Plug, 75 Ohm	M	Nickel	0.572	0.771	0.041	0.255	24	CAP-E01	KTH-5003		1
2065-E00-C9004N		Plug, 75 Ohm	M	Nickel	0.572	0.771	0.041	0.278	25	3661-4	KTH-5003		1