

# 2065 SERIES

## BNC Connectors

### 75 Ohm

## Broadcast



**FITS A WIDE VARIETY  
OF CABLES**

**SOLID RELIABILITY**

**POINT-TO-POINT SOLUTIONS**

- Designed For Analog & Digital Cables
- Full Crimp Design
- Field Installable
- Meets Or Exceeds HDTV Standards

## SPECIFICATIONS

### Electrical

<i>Characteristic Impedance</i>	75 Ohms
<i>Voltage Rating</i>	500 Volts RMS
<i>Return Loss</i>	Less than -36 dB to 1 GHz; -25 dB to 2 GHz; -23 dB to 3 GHz; -20 dB to 5 GHz
<i>Contact Resistance</i>	Center Contact .0014 Ohms Outer Contact .002 Ohms
<i>Insulation Resistance</i>	5000 megohms

### Mechanical

<i>Durability</i>	500 Cycles Min. Center Contact
<i>Center Contact Retention</i>	6 lbs. Minimum
<i>Coupling Mechanism</i>	100 lbs. Minimum
<i>Force to Engage/Disengage</i>	Torque 2.5 in-lbs. Max.; Longitudinal force 3.0 lbs. Max.
<i>Interface Dimension</i>	MIL-C-39012 except 75 Ohms

### Environmental

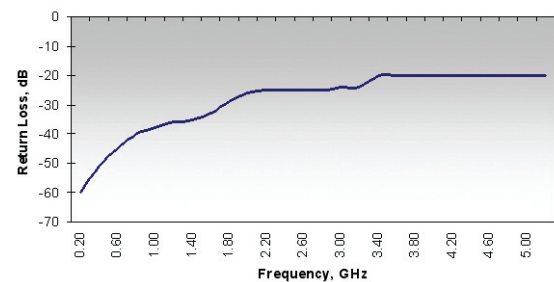
<i>Thermal Shock</i>	-65°C to +165°C
<i>Moisture Resistance</i>	0 to 95%: MIL-STD-202 Method 106
<i>Corrosion (Salt Spray)</i>	MIL-STD-202 Method 101 Test Condition B
<i>Flammability</i>	UL 94-VO Rated (Center Conductor Insulator)
<i>Vibration</i>	MIL-STD-202 Method 204 Test Condition B
<i>Solvent Resistance</i>	MIL-STD-202 Method 215

### Finishes

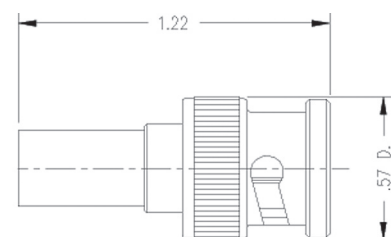
<i>Body/Bayonet</i>	TR-5® Kings tarnish resistant alloy electrodeposit finish
<i>Center Conductor</i>	50 millionths inch gold plating per MIL-G-45204 over copper plate

## Return Loss

Typical



## Outline Drawing (Plug)



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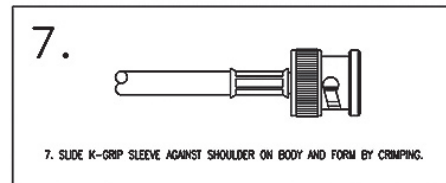
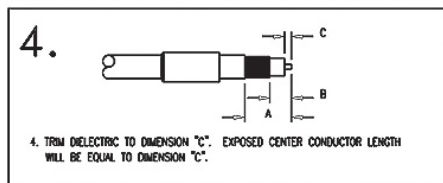
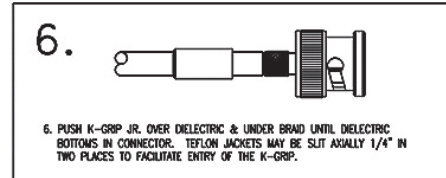
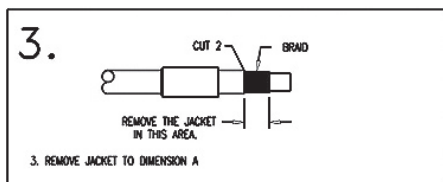
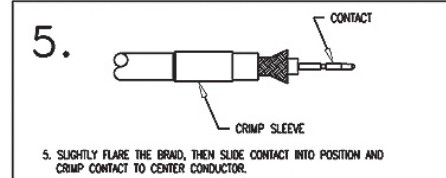
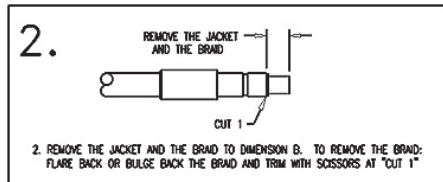
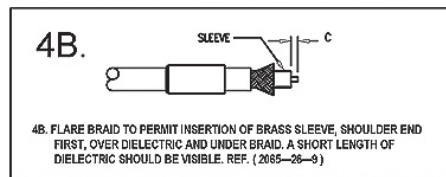
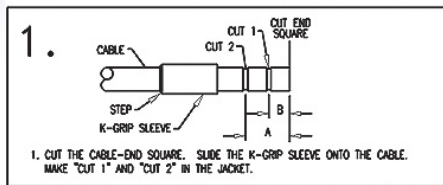
### 75 Ohm

KINGS Part No. (75 Ohm)	FOR CABLES*				CABLING	
	Belden	West Penn/ CDT	Gepco	Others	Crimp Die	Trim Code
2065-1-9	9209A				KTH-2261	3-661-1
2065-2-9	1505A 1506A 9259	819 25819 815	VPM2000 VPM2000TS VE61859M		KTH-2261	3-661-1
2065-6-9	8281	P806	VP618PE VP6000 VP618TK	WE 724	KTH-2119	3-661-1
2065-7-9	8241		VJ59U	RG-59 RG-210	KTH-2261	3-661-1
2065-8-9	7731A 8213		VHD1100		KTH-2004	3-661-3
2065-10-9	1694A 1695A	6350 256350 WP6355	VSD2001 VSD2001TS		KTH-2255	3-661-1
2065-11-9	1855A 1865A	HD825 HD25825 WP8255 WP258255	VDM230 VDM250		KTH-2025	3-661-1
2065-25-9	1279R 1279P				KTH-2276	3-661-1
2065-26-9	1520A 179DT			RG-179 RG-187	KTH-2258	3-661-1

\* Consult factory for cables not listed

Trim Code	A	B	C
3-661-1	.624	.312	.155
3-661-3	.687	.375	.187
3-661-4	.668	.356	.200

Dimensions in inches



**Note:**  
Connectors are designed for use on both analog and digital cable. Consult your cable manufacturer for cable performance data.

1685 Overview Drive  
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Manufactured in the USA

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**KINGS**  
ELECTRONICS CO., INC.

Your Solid, Point-To-Point Connection

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## BNC Adapters

### 75 Ohm

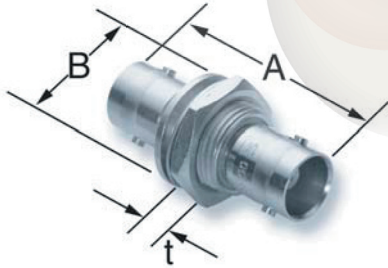


Figure 1,4

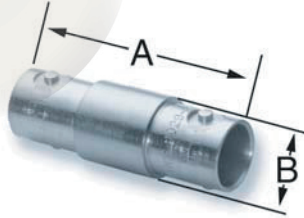


Figure 2

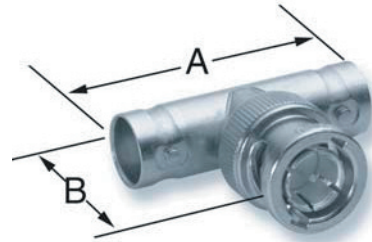


Figure 3

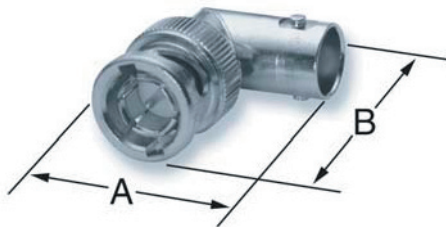


Figure 5

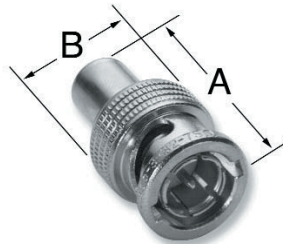
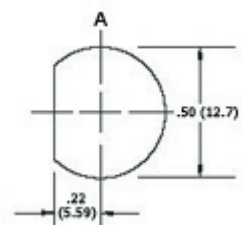


Figure 6

Adapters within Series									
Fig. No.	Kings Part Number (True 75 Ohm)	Adapter Ends	Dimensions						Mounting Hole
			A		B		T		
			In	mm	In	mm	In	mm	
1	2029-9-9	Bulkhead, Jack-Jack	1.28	32.5	0.69 D	17.5 D	0.158	4.0	A
2	2029-15-9	Jack-Jack	1.28	32.5	0.44 D	11.2 D			
3	2029-16-9	Jack-Plug-Jack	1.28	32.5	1.06	26.9			
4	2029-17-9	Bulkhead, Jack-Jack, iso. ground	1.28	32.5	0.63 D	16.0 D	0.176	4.5	A
5	2029-20-9	Jack-Plug, Right Angle	0.90	22.9	1.03	26.2			



Mounting Hole

BNC Termination						
Fig. No.	Kings Part Number (True 75 Ohm)	Dimensions				Notes
		A		B		
		In	mm	In	mm	
6	2555-3-32	1.00	25.4	0.57 D	14.5 D	75 ohm, 0.1%, 1/2 watt

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