

Series 2065 TRUE 75 OHM BNC CONNECTORS



Kings Series 2065 BNC connectors are **TRUE** 75 ohm BNC connectors. They are designed to terminate the most commonly utilized coaxial cables in the broadcast industry and meet the industry's stringent HDTV requirements. The connectors feature a field crimp design and are field installable with Kings crimp tools.

SPECIFICATIONS:

Electrical:

Characteristic Impedance	75 Ohms
Voltage Rating	500 Volts RMS
Return Loss	Less than -36 dB to 1 GHz; -25 dB to 2 GHz; -23dB to 3 GHz
Contact Resistance	Center Contact .0014 Ohm Outer Contact .002 Ohm
Insulation Resistance	5000 megaohms

Mechanical:

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

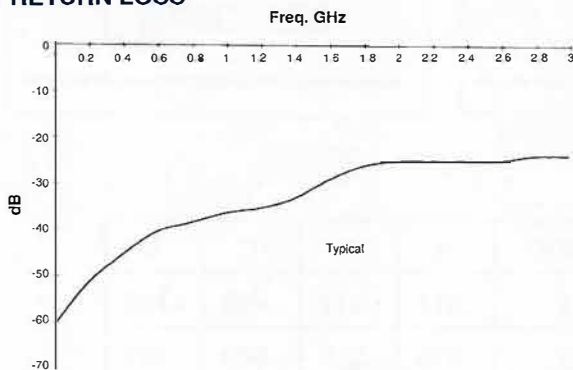
Environmental:

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

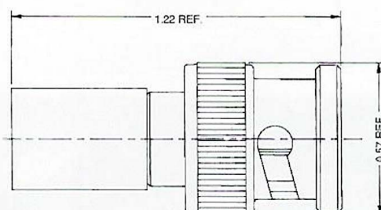
Finish:

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

RETURN LOSS



OUTLINE DRAWING (PLUG)



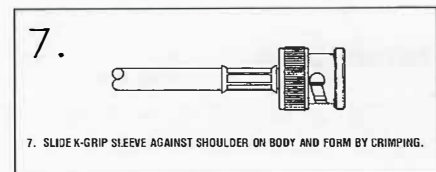
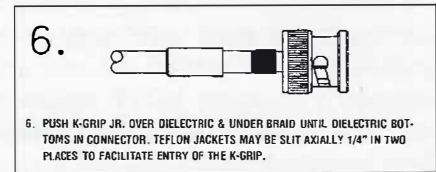
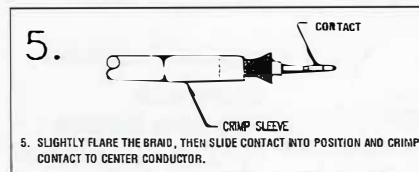
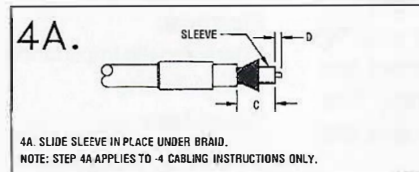
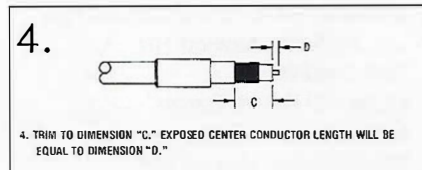
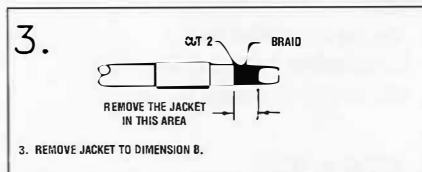
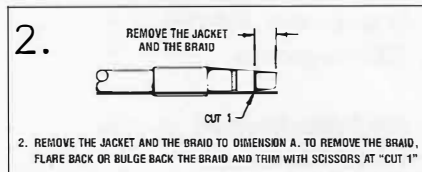
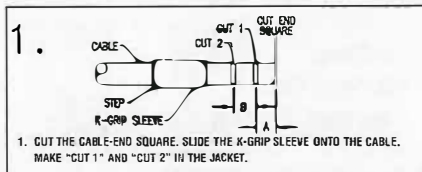
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PART NUMBERS - Cable Plugs

KINGS Part Number [TRUE 75 Ohm]	Replaces Part Number	FOR CABLES*				CABLING	
		Belden	Clark Wire & Cable	Mohawk/ CDT	GEPCO	Crimp Die	Trim Code
2065-1-9	2025-38-9	9209A		M56134	—	KTH-2261	3-661-1
2065-2-9	2025-51-9	1505A	CD7559	M56148	VPM2000	KTH-2261	3-661-1
2065-3-9	2025-53-9	1506A	CD7559P	M55482	VPM2000TS	KTH-2261	3-661-1
2065-5-9	2025-57-9	1520A	—	—	—	KTH-2258	3-661-4
2065-6-9	2025-58-9	8281B		M52210	VP6000	KTH-2119	3-661-1
2065-7-9	2025-59-9	8241		M56259	VJ59U	KTH-2261	3-661-1
2065-8-9	2025-60-9	7731A		CDT51078	—	KTH-2004	3-661-3
2065-9-9	2025-89-9	1695A	CD7506P	M56524	VSD2001TS	KTH-2119	3-661-1
2065-10-9	2025-79-9	1694A	CD7506	M56523	VSD2001	KTH-2255	3-661-1
2065-11-9	2025-47-9 2025-90-9	1855A		CDT64135	RGB809F	KTH-2025	3-661-1
2065-12-9	—	—		—	—	KTH-2260	3-661-3

* Consult factory for cables not listed.

CABLING PROCEDURE



TRIM CODE	A	B	C	D
3-661-1	.312	.312	.469	.155
3-661-3	.375	.312	.500	.187
3-661-4	.356	.312	.468	.200

Dimensions in inches