



Product Data Sheet

Coax BNC Crimp Plug Ultra HD 12G (Image 1000)

Description



High Performance 12GHz True 75 ohm BNC with black finished body and gold plated inner and outer contact. High Performance 75 ohm BNC crimp plug Using standard US Crimp sizes tested to meet the requirements of SMPTE ST 2081-1 & ST 2082-1 for use in 6G & 12G systems. Suitable for Image 1000 cable.

**** Now Tested to 18 GHz ****

Overall, the Coax 75 ohm series includes a range of High Performance connectors suitable for use at frequencies of 12GHz and beyond. When tested, many of these connectors have shown low loss performance up to 18GHz. BNC connectors feature a simple bayonet coupling requiring only a quarter turn to connect or disconnect. The easy to use coupling make BNC one of the most popular general purpose connectors used in all markets. Typical applications are, broadcast, including Ultra High Definition (4K), telecom, instrumentation, security, mil/aero and many others.

Product	SKU
COAX BNC CRIMP PLUG ULTRA HD 12G (IMAGE 1000)	BA-00-5131



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Technical Specification

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Electrical	Weight: 12.35g
Impedance: 75 Ohm	Mating Force: 13.6N max
Frequency Range: Up to 12GHz	Un-Coupling Force: 13.6N max
Dielectric Withstand Voltage: 1500 Veff	Environmental
Insulation Resistance: 5000 M-Ohm	Operating Temperature: -55 to +155°C
Return Loss: -23 db @ 12 GHz	IP Rating (Mated): IP64
Mechanical	Material
Design Standard: IEC 61169-8	Centre Contact: Brass
RoHS3 Compliant: Yes	Outer Contact: Brass
Contact Termination: Crimp	Insulator: PTFE
Ferrule Termination: Crimp	Bayonet Cap: Brass, Black Plated
Mating Cycles: 500	Centre Contact Plating: Gold
Contact Retention: 10N min	Outer Contact Plating: Gold
Cable Retention: 150N min	Pack Size: 1

Contact Crimp Size: 1.07 mm sq

Ferrule Crimp Size: 7.06mm Hex

