

## Excellent Integrated System Limited

Stocking Distributor

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[Switchcraft Inc.](#)  
[HP75BNC12](#)

For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

# BNC CONNECTORS

## HP75BNC SERIES BNC CONNECTORS

Switchcraft Inc. introduces a complete line of true 75 Ohm BNC cable mount connectors. This new series was developed for the broadcast industry, or wherever true 75 Ohm impedance BNC's are used. The HP75BNC Series is available in a wide range of styles, to accommodate the most popular types of coaxial cables. All are crimp terminated using standard crimping tools.

### Features and Benefits

- True 75 Ohm impedance
- Gold-plated center pins for increased life
- Available for a wide range of cable types
- Outstanding electrical performance
- Rugged nickel-plated, machined shells

### Specifications

#### Electrical

Characteristic Impedance: 75 Ohms

Voltage Rating: 500 Volts RMS

Return Loss: Less than -25 db at 3 GHz

Insulation Resistance: 5000 Megohms min

#### Mechanical

Lifecycles: 500 min

Center Contact Retention: 6 lbs. min

Coupling Mechanism: 100 lbs. min

Force to Engage: 2.5 lbs. max

#### Environmental

Thermal Shock: -65° C to 165° C

Moisture Resistance: Mil Std 202

Corrosion: Mil Std 202

Flammability: UL 94-VO

Vibration: Mil Std 202

Solvent Resistance: Mil Std 202

#### Finish

Body/Bayonet: Nickel-plated copper alloy

Center Conductor: 50 mi gold-plated copper alloy

### Ordering Information

Part Number	Cable Type
HP75BNC1	Belden #8241
HP75BNC2	Belden #8281B
HP75BNC6	Belden #1695A
HP75BNC7	Belden #1694A
HP75BNC9	Belden #1505A
HP75BNC10	Belden #1506A
HP75BNC12	Belden #1855A



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