

# BNC CONNECTORS

# PRODUCT BULLETIN 549

## 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 |



# Switchcraft®

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