

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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