

Product Specifications

3-Piece BNC Broadcast Crimp Connector

Belden introduces the new
3-Piece HD Brilliance® BNC Crimp
Connector. The 3-piece connector
delivers excellent return loss
performance and quality
that exceeds expectations
of the typical 3-piece connector;
featuring a precision machined
BNC nut and extended head knurl
nut for easy grip.

- Enhanced to fit perfectly with Belden Brilliance® Cable for strong and dependable signal delivery and performance
- Center pin is crimped in place with easy installation tool
- Comes with Belden's patented extended head knurl nut design for easy gripping for installation
- Excellent Return Loss through 4.5 GHz
- Exceeds SMPTE Specifications
- Limited Lifetime Connector Warranty when partnered with Belden Brilliance® Cable

* These connectors can be used with a Plenum Cable

Color coded to cable



Physical Properties

Brass Material

Environmental Properties

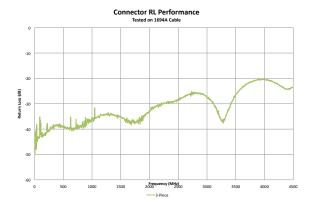
- Temperature Rating: -40 °F (-40 °C) to 140 °F (60 °C)
- Corrosion: ASTM B117

Mechanical Properties

- Durability: 500 Cycles Minimum
- Center Contact Retention: >6 lbs.

Electrical Properties

- Return Loss: < -20 dB 32 dB 1 Ghz - 4.5 Ghz
- Voltage Rating: 500V RMS
- Insulation Resistance: >5000 Megaohms at 100 Vdc



Part Number	Connector Description	Туре	Finish	Color Band	Impedence (ohms)	Pullout Strength	RL@3 GHz	RL@3.5 GHz	RL@4 GHz	RL@4.5 GHz	QTY
1505ABHD3*	RG59BNC HD Connector	3-Piece Crimp	Polished Nickel	Red	75	72(+)	-27 dB	-27 dB	-21 dB	-23 dB	50
1694ABHD3*	RG6BNC HD Connector	3-Piece Crimp	Polished Nickel	Green	75	90(+)	-27 dB	-27 dB	-21 dB	-23 dB	50
1855ABHD3	22-24 AWG BNC HD Connector	3-Piece Crimp	Polished Nickel	Purple	75	75(+)	-27 dB	-27 dB	-21 dB	-23 dB	50
179DTBHD3	179 Digital Truck BNC Connector	3-Piece Crimp	Polished Nickel	Yellow	75	See Cable Spec	-27 dB	-27 dB	-21 dB	-23 dB	50

Part Number	Tool Description		QTY	
ВВЗРНСТ	Belden Brilliance® Three-Piece Hex Connector Tool		1	
BB3PHCT-D	Replacement Die for BB3PHCT		1	
BB3PST	Belden Brilliance® Three-Piece Strip Tool		1	
BB3PST-C	Replacement Cassette for BB3PST			

