LAIRD®
DIGITAL CINEMA

LAIRD 200-B-B SERIES

The Laird 200-B-B series is an ultra-low loss antenna cable that allows for longer runs with no signal degradation and is 802.11 a/b/g compatible. The 200-B-B is ideal for wireless antenna communication, wireless microphones, and radio communications because it maintains signal strength on longer runs. The 200-B-B series is designed to ensure data signals travel efficiently over long distances while providing strong signal strength and minimal interference. Laird also offers RP-SMA, and N-Type Extension cables.

Features:

- Utilizes Belden-7807A cable and High-Quality Amphenol RF BNC Connectors
- Indoor/outdoor rated
- Designed for Low Loss (attenuation), Low Passive intermodulation (PIM), and Low Voltage Standing Wave Ratio (VSWR)
- Excellent performance across long distances

ISO 9001:2015 CERTIFIED

SUSTAINING MEMBER SMPTE

Bicsi CORPORATE MEMBER

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Export Information
Country of Origin: USA
US ECCN: EAR99
HTS Code: 8544.42
US Dept. of Commerce CCATS: N.a
A Division of Tower Products Incorporated
Revision #01

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Specifications:

- **RG Type:** 58
- **Conductor AWG**: 17
- **Conductor Stranding:** Solid
- **Conductor Nom. Diameter:** 0.044 in (1.117mm)
- **Conductor Material:** Bare Copper-BC
- **Overall Cable Diameter:** 0.195 in (4.95 mm)
- **Insulation Material:** Polyethylene - PE - (Foam)
- **Insulation Nom. Diameter:** 0.116 in (2.95 mm)
- **Outer Shield Layer 1 Type:** Tape
- **Outer Shield Layer 1 Material/Coverage:** Tri-Laminate (Alum+Poly+Alum)/100%
- **Outer Shield Layer 2 Type:** Braid
- **Outer Shield Layer 2 Material/Coverage:** Tinned Copper (TC)/95%
- **Outer Jacket Material:** Polyethylene - PE
- **Outer Jacket Nom. Diameter:** 0.195 in (4.95 mm)
- **VSWR:** 5 - 6000 MHz - 1.25:1
- **Nom. Conductor DCR:** 5.4 Ohm/1000ft
- **Nom. Outer Shield DCR:** 3.6 Ohm/1000ft (12 Ohm/km)
- **Nom. Capacitance Cond-to-Shield:** 23.5 pF/ft (77.1 pF/m)
- **Nom. Characteristic Impedance:** 50 Ω
- **Nom. Velocity of Prop:** 85%
- **Temperature:** -40°F to 176°F (-40°C to +80°C)
- **Flexing Bend Radius:** 1.9 in (48 mm)
- **Max Pull Tension:** 25.4lbs (11.5 kg)
- **Weight:** 0.026lbs/ft

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Specifications:

Amphenol RF BNC Connectors:

- **Body Finish:** Nickel
- **Body Material:** Brass
- **Contact Finish:** Gold
- **Contact Material:** Brass
- **Coupling Mechanism:** Bayonet
- **Frequency (Max GHz):** 4GHz
- **Gender:** Plug
- **Impedance:** 50 Ω
- **Insulator Material:** PTFE
- **Return Loss:** DC - 4 GHz - 1.3 (-18 dB) Max
- **Insertion Loss:** 0.2 dB Max @ 3 GHz
- **Insulation Resistance:** 5000 MΩ Min
- **Center Contact Resistance:** 1.5 mΩ Min
- **Outer Contact Resistance:** 0.2 mΩ Min
- **Mating Cycles:** 500