

BAV Plug Connectors

Belden offers a broad range of broadcast plug connector include BNC , DIN1.0/2.3, Mini BNC for a outstanding cable assemblies to our valued customer .



Key Features

- Crimp design ensures a quick and reliable installation
- Mini BNC and DIN1.0/2.3 provide a high density
- Applies to wide range of Belden cable
- Brass Material and Gold & Nickel plated
- 4.5Gbps
- Quick connect push/pull coupling system for easy mating
- Crimp and strip tools are available for a efficient installation
- Durability \geq 500 cycles

Belden offers wide range of broadcast connectors include BNC, Din 1.0/2.3 and Mini BNC. Belden's RF connectors are to be terminated by coaxial cable which are built in plug and 75 Ohm impedance, these connectors are available in thread-in, quick-disconnection, quick push-on or standard interfaces. Belden offers RF connectors with standard and precision performance with brass or stainless steel bodies, ensures a outstanding performance cable assemblies.

75 Ω BNC Straight Plug

These high-end BNC plugs easily handle 4.5GHz performance, and they help with cable matching to realize even stronger high-end performance. This is a 3 piece BNC crimp-on connector used in CCTV camera installations and other audio / video applications that use RG-11 coaxial cable. Security installers like to use crimp-on connectors because they are easy to install and stay securely fastened to the cable

75 Ω DIN1.0/2.3 Plug

Belden DIN 1.0/2.3 RF coaxial connectors feature a quick connect push/pull coupling system for easy mating. These high performance connectors are available in 75 Ohm versions capable of operating up to 4.5 GHz and a mating life of 500 cycles. The compact design allows for dense packaging, ideally suited for applications where space is limited.

Mini-BNC Straight Plug

Mini BNC Series Connectors are miniaturized BNC connectors similar in size to DIN 1.0 / 2.3 connectors, which feature a quick-connect/quick-disconnect interface are ideal for use in today's high-end, high-density broadcast transmission equipment. Cable Plugs feature a crimp / crimp termination method and are available for all popular Broadcast Cables including Belden 1855A, 1505A, and 1694A.

Connector Naming Scheme

| Description | Cable part code | Type of connector | Performance | Configuration | Pack Size |
|------------------------|-----------------|-------------------|---------------|---------------|------------------|
| A- APAC BAV connectors | 7731A | B - BNC | SD - SD | 1 - 1 piece | S01 - Single |
| | 1855A | D - DIN | HD - HD | 3 - 3 piece | B25 - pack of 25 |
| | 1505A | M - Mini BNC | CP - Coupler | L-Locking | B50 - pack of 50 |
| | 1694A | S - SMPTE | TR - Terminal | | |
| | 7804S | F-Ftype | 4K-4K | | |
| | | X-XLR | 8K-8K | | |

The part number for ordering:

| P/N | Description |
|------------|--|
| A1505ABHD3 | BNC-Connector, 75 Ohm, Straight, Male(Plug), Crimp Type |
| A1505ADHD3 | Mini DIN-Connector , 75 Ohm, 1.0/2.3, Straight, Male(Plug), Crimp Type |
| A1505AMHD3 | Mini BNC-Connector, 75 Ohm, Straight, Male(Plug), Crimp Type |
| A1694ABHD3 | BNC-Connector, 75 Ohm, Straight, Male(Plug), Crimp Type |
| A1694ADHD3 | Mini DIN-Connector , 75 Ohm, 1.0/2.3, Straight, Male(Plug), Crimp Type |
| A1694AMHD3 | Mini BNC-Connector, 75 Ohm, Straight, Male(Plug), Crimp Type |
| A1855ABHD3 | BNC-Connector, 75 Ohm, Straight, Male(Plug), Crimp Type |
| A1855ADHD3 | Mini DIN-Connector , 75 Ohm, 1.0/2.3, Straight, Male(Plug), Crimp Type |
| A1855AMHD3 | Mini BNC-Connector, 75 Ohm, Straight, Male(Plug), Crimp Type |
| A7731ABCP3 | BNC-Coupler, 75 Ohm, Straight Female |
| A7731ABHD3 | BNC-Connector, 75 Ohm, Straight, Male(Plug), Crimp Type |
| A7731ABTR1 | BNC-Connector, 75 Ohm, Straight Male (Plug), Terminal |

| P/N | Description |
|----------|--|
| AP105200 | HAND RATCHET CRIMPING TOOL |
| AP105201 | DIE SET FOR 7731A CABLE |
| AP105210 | HAND RATCHET CRIMPING TOOL |
| AP105211 | DIE SET FOR 1855A CABLE |
| AP105212 | DIE SET FOR 1694A CABLE |
| AP105213 | DIE SET FOR 1505A CABLE |
| AP105220 | ROTARY COAXIAL STRIPPER FOR BELDEN COAXIAL CABLE 7731A |
| AP105221 | ROTARY COAXIAL STRIPPER FOR BELDEN COAXIAL CABLE 1855A |
| AP105222 | ROTARY COAXIAL STRIPPER FOR BELDEN COAXIAL CABLE 1694A |
| AP105223 | ROTARY COAXIAL STRIPPER FOR BELDEN COAXIAL CABLE 1505A |

Tools Guide

| Cable | Crimp Tool | | | | Strip Tool | | CUTER | |
|-------|------------|----------------------------|----------|-------------------------|------------|--|----------|-----------------------------------|
| | Crimper | | Die | | | | | |
| 1505A | AP105210 | HAND RATCHET CRIMPING TOOL | AP105213 | DIE SET FOR 1505A CABLE | AP105223 | ROTARY COAXIAL STRIPPER FOR BELDEN COAXIAL CABLE 1505A | AP105230 | ROUND CABLE CUTER up to OD 10.7mm |
| 1694A | | | AP105212 | DIE SET FOR 1694A CABLE | AP105222 | ROTARY COAXIAL STRIPPER FOR BELDEN COAXIAL CABLE 1694A | | |
| 1855A | | | AP105211 | DIE SET FOR 1855A CABLE | AP105211 | ROTARY COAXIAL STRIPPER FOR BELDEN COAXIAL CABLE 1855A | | |
| 7731A | AP105200 | HAND RATCHET CRIMPING TOOL | AP105201 | DIE SET FOR 7731A CABLE | AP105220 | ROTARY COAXIAL STRIPPER FOR BELDEN COAXIAL CABLE 7731A | | |