

75Ω ACTIVE BNC Receptacles

3G-SDI

BCA Series

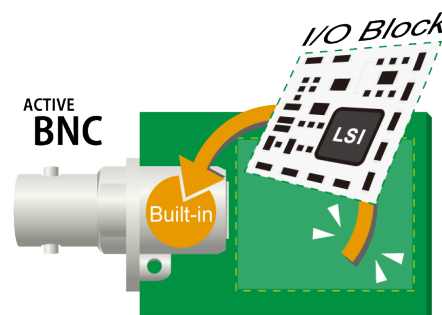
Small connector body incorporates either a cable equalizer or cable driver. Connector alone satisfies SMPTE 424M standards, allowing easier design of tricky I/O block circuits for securing return loss performance and easier circuit board design in general.

Active BNC connector integrates components that till now have been conventionally mounted on the PC board, thus minimizing board surface area requirements and reducing device size.



Key Features and Benefits

- Innovative “Active BNC” : regular size BNC with built-in cable equalizer or cable driver
- Dramatically reduce entire development cost
- PCB space saving
- SMPTE 259M, 292M and 424M



Introducing BCA Series

< Line - Up >

B C A - T L

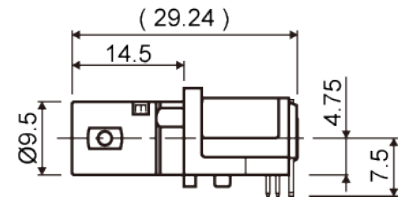
Mount Type/Shape

| | |
|----------|-------------|
| L | Right Angle |
| S | Straight |

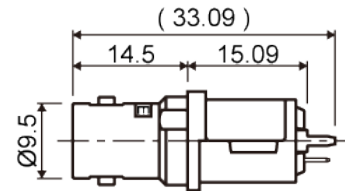
Built-in IC

| | |
|----------|----------------------|
| T | Cable Driver (TX) |
| R | Cable Equalizer (RX) |

Right Angle

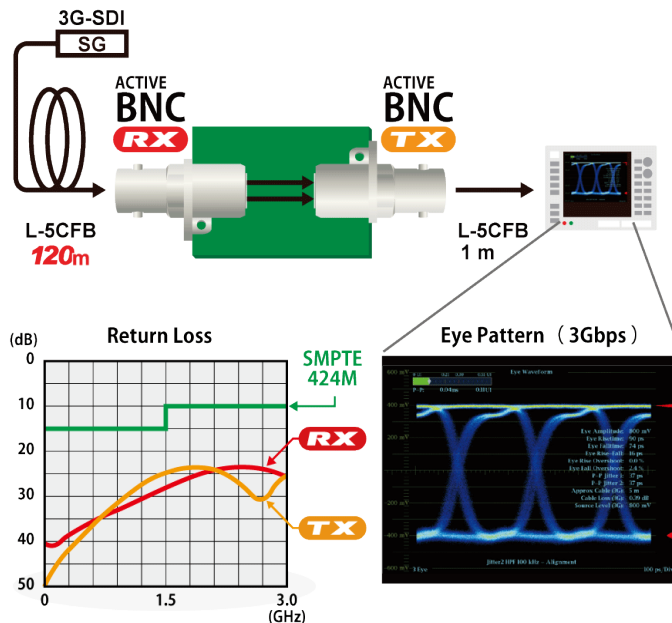


Straight



< Specifications >

| Model | BCA-TL | BCA-TS | BCA-RL | BCA-RS |
|-------------------------|---|--------|---------------------------|--------|
| Support Format | 3G-SDI, HD-SDI, SD-SDI, DVB-ASI | | | |
| Supply Voltage | 3.3V ± 5% | | | |
| Current Consumption | 50mA | | 70mA | |
| Operaton Temperature | -25°C ~ +85°C | | | |
| Output Signal Amplitude | 800mVpp ± 10% | | - | |
| Equalizing Cable Length | - | | (3G-SDI) 120m with L-5CFB | |
| Weight | Approx. 9.0g | | | |
| Compliant | SMPTE 259M, 292M, 424M, BTA S-004C, EN50083-9 | | | |
| Enviroment | RoHS | | | |



<http://www.canare.co.jp>