

FS Series BNC Connector

FSBNC1RGB Specification Sheet

FS Series BNC Connector: FSBNC1RGB

Features

In order to create the industry's most reliable and easy-to-install mini BNC connector, Belden has combined the following patented features:

- The multi-piece BNC connector fits most brands of 24-26 AWG stranded center conductor coaxial cables.
- Split ferrule design provides proper fit to mini coaxial cables
- Sliding pin eliminates blind entry when inserting cable.

Physical Properties

- Body Material: Brass
- Body Material (Plating): Nickel
- Center Contact: Brass
- Center Contact (Plating): Gold

Electrical Properties

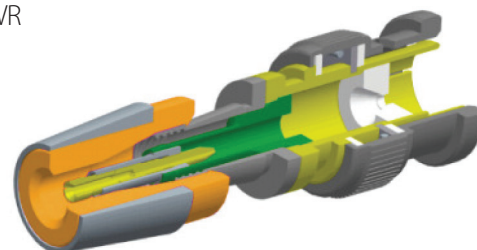
- 75 Ohm Construction
- DC-1 GHz > 23 dB Return Loss < 1.16 VSWR
- DC-2 GHz > 20 dB Return Loss < 1.20 VSWR
- DC-3 GHz > 20 dB Return Loss < 1.20 VSWR

Mechanical Properties

- Cable Pullout Force: Exceeding 20 lbs.



FSBNC1RGB



Cable Sizes

| Inches | Minimum | ~ | Maximum |
|--------------|---------|---|---------|
| Center | .015 | ~ | .025 |
| Dielectric | .065 | ~ | .078 |
| Outer Jacket | .095 | ~ | .110 |

| Millimeters | Minimum | ~ | Maximum |
|--------------|---------|---|---------|
| Center | .38 | ~ | .64 |
| Dielectric | 1.65 | ~ | 1.98 |
| Outer Jacket | 2.41 | ~ | 2.79 |

Recommended Installation Tools

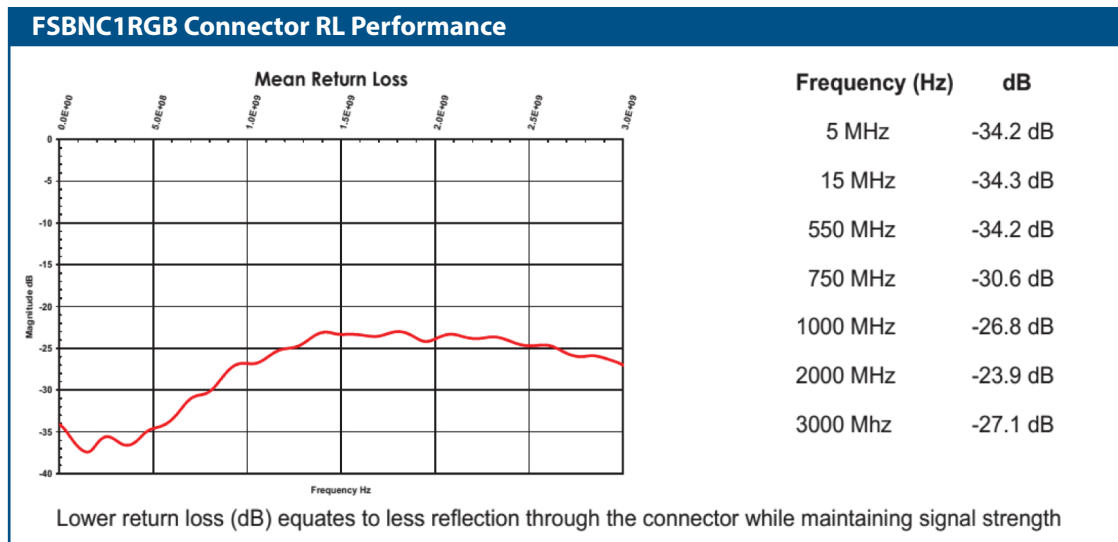


CPLCCT-SLMR



PSA59/6/RGB

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| Part Number | Cable Type | Description | Impedance (Ohms) | Color Band | Recommended Tools |
|-------------|------------|---|------------------|------------|-------------------|
| FSBNC1RGB | 24-26 AWG | FS Series BNC Connector for 24-26 AWG Cable | 75 | Purple | CPLCCT-SLMR |