



**Part Number: FSNS59BNCU-25**

**ProSNS RG59 Universal BNC Coax Connector**

## Product Description

ProSNS RG59 Universal BNC compression connector, non-blind entry with split ferrule design, polymer compression sleeve for easy insertion & lowest possible tool compression force. Universal BNC connector for standard or quad-shield RG59 cable.

## Technical Specifications

### Product Overview

Environmental Space:	Indoor/Outdoor
Suitable Applications:	CCTV, Security Cameras, Video

### Physical Characteristics (Overall)

Conductor Size:	20 AWG
Packaging:	25 Pack
Number of Pieces:	1

## Connectors

### Materials

Description	Material
Nut	Nickel/Tin Plated Brass
O-Ring	Ethylene Propylene
Body	Nickel/Tin Plated Brass
Contact	Gold Plated

## Electrical Characteristics

### Impedance

Nominal Characteristic Impedance
75 Ohms

### Return Loss (RL)

Frequency [MHz]
≥-32 dB up to 1 GHz typical

Electrical Characteristics Notes: Salt Fog: Passes 1000 hours ANSI/SCTE 143 2007, RFI Shielding: -85 dB (60% bonded foil), All Belden ProSNS connectors meet or exceed SCTE return loss standards.

## Temperature Range

Operating Temp Range:	-40°F (-40°C) to 140°F (60°C)
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## Mechanical Characteristics

Footprint/Type:	Coax
Connector Interface Type:	BNC
Gender:	Male - plug
Connector Series Name:	ProSNS
Color Band:	Red
Locking:	No
Tool Compatibility:	CPLCCT-SLMR or CPSNSCT-596 (compression), PSA59/6 (strip)
Termination Type:	Compression

Cable Center Conductor Diameter Limits:	.0317 - .0339 inch
Cable Dielectric Diameter Limits:	.144 - .157 inch
Cable Outer Jacket Diameter Limits:	.232 - .273 inch
Cable Insertion Force:	20 lbf
Cable Retention Force (per ANSI/SCTE 99):	40 lbf

## Standards

RG Type:	59/U Type
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## Applicable Environmental and Other Programs

EU CE Mark:	Yes
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## Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes

## Plenum/Non-Plenum

Plenum (Y/N):	No
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## Part Number

### Variants

Item #	Color
FSNS59BNCU-25	Red

Patent:	<a href="https://www.belden.com/resources/patents">https://www.belden.com/resources/patents</a>
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