



**Product:** [FSNS59BNCPL3-25](#)

ProSNS RG-59 Plenum BNC Coax Compression Connector 23 AWG

## Product Description

ProSNS RG59 Plenum BNC connector fits 23 AWG only, non-blind entry with split ferrule design, polymer compression sleeve for easy insertion & lowest possible tool compression force. 25 per Pack

## Technical Specifications

### Product Overview

Suitable Applications:	CCTV, Security Cameras, Video
------------------------	-------------------------------

### Physical Characteristics (Overall)

Packaging:	25 Pack
Number of Pieces:	1

### Connectors

#### Materials

Material
Nickel/Tin Plated Brass
Nickel plated Brass
Gold Plated

### Electrical Characteristics

#### Impedance

Nominal Characteristic Impedance
75 Ohm

#### Return Loss (RL)

Frequency [MHz]
Return Loss: $\geq -30$ dB up to 1 GHz typical

Electrical Characteristics Notes: RFI Shielding: -85 dB typical (60% bonded foil), Salt Fog: Passes 1,000 hours ANSI/SCTE 143 2007, Insertion Loss:  $\leq -0.2$  dB up to 1 GHz typical

### Temperature Range

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

### 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, CPSNSCT-596 (compression), PS59/6/RGB (strip)
Termination Type:	Compression
Cable Center Conductor Diameter Limits:	.021 - .025 inch

Cable Dielectric Diameter Limits:	.130 - .135 inch
Cable Outer Jacket Diameter Limits:	.185 - .195 inch
Cable Insertion Force:	20 lbs. maximum
Cable Retention Force:	40 lbs. minimum per SCTE IPS-SP-401

## Standards

RG Type:	59
Series Type:	59

## Applicable Environmental and Other Programs

EU CE Mark:	Yes
-------------	-----

## Related Part Numbers

### Variants

Item #	Color	UPC
FSNS59BNCPL3-25	No Color	845671003727

Patent:	This product has one or more applicable patents. More information on patents can be found at <a href="https://www.belden.com/resources/patents">https://www.belden.com/resources/patents</a> .
---------	--

## History

Update and Revision:	Revision Number: 0.40 Revision Date: 03-03-2022
----------------------	---

© 2022 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.