



FSNS59U

**Product:** [FSNS59U-25](#)

## ProSNS RG-59 "F" Coax Compression Connector

### Product Description

ProSNS RG59 "F" male coax connector, 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 |
| Tin Plated Brass        |
| Ethylene Propylene      |
| Nickel plated Brass     |
| Gold Plated             |

#### Electrical Characteristics

##### Impedance

| Nominal Characteristic Impedance |
|----------------------------------|
| 75 Ohm                           |

##### Return Loss (RL)

| Frequency [MHz]              |
|------------------------------|
| ≥ -30 dB up to 1 GHz typical |

|                                   |  |
|-----------------------------------|--|
| Electrical Characteristics Notes: | Insertion Loss: ≤ -0.2 dB up to 1 GHz typical, RFI Shielding: -85 dB typical (60% bonded foil), Salt Fog: Passes 1000 hours ANSI/SCTE 143 2007, Moisture Migration: Passes ANSI/SCTE 60 2010 |
|-----------------------------------|--|

#### Temperature Range

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

#### Mechanical Characteristics

|                           |   |
|---------------------------|---|
| Footprint/Type:           | Coax  |
| Connector Interface Type: | F   |
| Gender:                   | Male - plug   |
| Connector Series Name:    | ProSNS  |
| Color Band:               | Red   |
| Locking:                  | No  |
| Tool Compatibility:       | CPLCCT-SLMR, 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 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          |
|------------|----------|--------------|
| FSNS59U-25 | No Color | 845671002621 |

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

|                      |   |
|----------------------|---|
| Update and Revision: | Revision Number: 0.49 Revision Date: 03-04-2023 |
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