



**Product:** [FSNS6U-25](#)

## ProSNS RG-6 Universal "F" Coax Compression Connector

### Product Description

ProSNS RG6 Universal "F" male right angle connector, polymer compression sleeve for easy insertion & lowest possible tool compression force. Fits most RG6 standard, tri-shield, and quad-shield cables. 25 per Pack

### Technical Specifications

#### Product Overview

|                        |   |
|------------------------|---|
| Environmental Space:   | Indoor/Outdoor                            |
| Suitable Applications: | CATV, Video Distribution, RF Applications |

#### Physical Characteristics (Overall)

|                   |         |
|-------------------|---------|
| 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]             |
|-----------------------------|
| ≥-30 dB up to 1 GHz typical |

|                                   |                                       |
|-----------------------------------|---------------------------------------|
| Electrical Characteristics Notes: | Meets or exceeds SCTE specifications. |
|-----------------------------------|---------------------------------------|

#### Temperature Range

|                       |                               |
|-----------------------|-------------------------------|
| Operating Temp 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:               | Green   |
| Locking:                  | No  |
| Tool Compatibility:       | CPLCCT-SLMR or CPSNSCT-596 (compression), PSA59/6 (strip) |

|   |                    |
|---|--------------------|
| Termination Type:                       | Compression        |
| Cable Center Conductor Diameter Limits: | .0399 - .0418 inch |
| Cable Dielectric Diameter Limits:       | .180 - .193 inch   |
| Cable Outer Jacket Diameter Limits:     | .265 - .305 inch   |
| Cable Insertion Force:                  | 20 lbf             |

## Standards

|          |          |
|----------|----------|
| RG Type: | 6/U Type |
|----------|----------|

## Applicable Environmental and Other Programs

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

## Suitability

|                        |     |
|------------------------|-----|
| Suitability - Indoor:  | Yes |
| Suitability - Outdoor: | Yes |

## Plenum/Non-Plenum

|               |    |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

## Part Number

### Variants

| Item #    | Color    | UPC          |
|-----------|----------|--------------|
| FSNS6U-25 | No Color | 845671002638 |

|         |   |
|---------|---|
| Patent: | <a href="https://www.belden.com/resources/patents">https://www.belden.com/resources/patents</a> |
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## Product Notes

|        |   |
|--------|---|
| Notes: | Salt Fog: Passes 1000 hours ANSI/SCTE 143 2007, RFI Shielding: -85 dB (60% bonded foil) |
|--------|---|

## History

|                      |   |
|----------------------|---|
| Update and Revision: | Revision Number: 0.42 Revision Date: 11-04-2019 |
|----------------------|---|

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