



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
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#### 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
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#### Temperature Range

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