



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

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

### Product Description

ProSNS RG6 Universal "F" male 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

Suitable Applications:	CATV, Video Distribution, RF Applications
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#### 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 Ohm

##### Return Loss (RL)

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

Electrical Characteristics Notes:	Meets or exceeds SCTE specifications.
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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:	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
Cable Retention Force:	40 lbf

## Standards

RG Type:	6
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## Applicable Environmental and Other Programs

Environmental Space:	Indoor/Outdoor
EU CE Mark:	Yes

## Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes

## Plenum/Non-Plenum

Plenum (Y/N):	No
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## Related Part Numbers

### Variants

Item #	Color	UPC
FSNS6U-25	No Color	845671002638

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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## Product Notes

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

Update and Revision:	Revision Number: 0.60 Revision Date: 03-04-2023
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