

**Part Number:** FSNS1P6QS-25

ProSNS RG-6 "F" Coax Compression Connector



### Product Description

ProSNS RG6 "F" male connector for quad-shield coaxial cable. Polymer compression sleeve for easy insertion & lowest possible tool compression force.

### Technical Specifications

#### Product Overview

Suitable Applications:	CCTV, Security Cameras, Video
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#### Physical Characteristics (Overall)

Conductor Size:	18 AWG
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 Ohms

##### 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 1,000 hours ANSI/SCTE 143 2007, Moisture Migration: Passes ANSI/SCTE 60 2010
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#### Temperature Range

Operating Temp 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:	Violet
Locking:	No
Tool Compatibility:	CPLCCT-SLMR, 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:	.290 - .305 inch
Cable Insertion Force:	20 lbs. maximum

## Standards

RG Type:	6/U Type
Series Type:	6/U

## Applicable Environmental and Other Programs

EU CE Mark:	Yes
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## Part Number

### Variants

Item #	Color
FSNS1P6QS-25	No Color

Patent:	<a href="https://www.belden.com/resources/patents">https://www.belden.com/resources/patents</a>
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