



Product: [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. 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 1,000 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: | 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 |
| Cable Retention Force: | 40 lbs. minimum per SCTE IPS SP-401 |

Standards

| | |
|--------------|---|
| RG Type: | 6 |
| Series Type: | 6 |

Applicable Environmental and Other Programs

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

Related Part Numbers

Variants

| Item # | Color | UPC |
|--------------|----------|--------------|
| FSNS1P6QS-25 | No Color | 845671004212 |

| | |
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| Patent: | This product has one or more applicable patents. More information on patents can be found at https://www.belden.com/patents . |
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History

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| Update and Revision: | Revision Number: 0.51 Revision Date: 03-04-2023 |
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