



**Part Number:** 716SNS1P11PL-25

ProSNS RG11 Universal F Male Plenum Compression Connector

### Product Description

ProSNS RG11 Universal F Male, plenum compression connector, polymer compression sleeve for easy insertion & lowest possible tool compression force. Features a patented internal O-Ring at the base for a free-spinning nut.

### 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:               | Gray                                                 |
| Locking:                  | No                                                   |
| Tool Compatibility:       | CPLCCT-LS59/11 or SNSUNI (compression), PS11 (strip) |

|                                         |                    |
|-----------------------------------------|--------------------|
| Termination Type:                       | Compression        |
| Cable Center Conductor Diameter Limits: | .0634 - .0647 inch |
| Cable Dielectric Diameter Limits:       | .274 - .294 inch   |
| Cable Outer Jacket Diameter Limits:     | .339 - .355 inch   |
| Cable Insertion Force:                  | 20 lbf             |

Standards

|          |           |
|----------|-----------|
| RG Type: | 11/U Type |
|----------|-----------|

Applicable Environmental and Other Programs

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

Suitability

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

Plenum/Non-Plenum

|               |     |
|---------------|-----|
| Plenum (Y/N): | Yes |
|---------------|-----|

Part Number

Variants

| Item #          | Color |
|-----------------|-------|
| 716SNS1P11PL-25 | Gray  |

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