



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
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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

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 Temperature Range:	-40 °F (-40 °C) to 140 °F (60 °C)
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Mechanical Characteristics

Connector System Compatibility:	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
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Related Part Numbers

Variants

Item #	Color	UPC
FSNS1P6QS-25	No Color	845671004212

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

Update and Revision:	Revision Number: 0.52 Revision Date: 02-20-2026
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