



FSNS59U

Product: [FSNS59U-25](#)

ProSNS RG-59 "F" Coax Compression Connector

Product Description

ProSNS RG59 "F" male coax connector, polymer compression sleeve for easy insertion & lowest possible tool compression force. 25 per Pack. This product is discontinued. Please contact Belden Customer Service to check for existing saleable inventory. It has been replaced by one of Belden's PPC Brand EX Series connectors - EX59XL. For product information please visit: <https://products.ppc-online.com/product/ex-ex59xl/>

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 1000 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:	Red
Locking:	No

Tool Compatibility:	CPLCCT-SLMR, CPSNSCT-596 (compression), PSA59/6 (strip)
Termination Type:	Compression
Cable Center Conductor Diameter Limits:	.0317 - .0339 inch
Cable Dielectric Diameter Limits:	.144 - .157 inch
Cable Outer Jacket Diameter Limits:	.232 - .273 inch
Cable Insertion Force:	20 lbs. maximum
Cable Retention Force:	40 lbs. minimum per SCTE IPS SP-401

Standards

RG Type:	59
Series Type:	59

Applicable Environmental and Other Programs

EU CE Mark:	Yes
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Related Part Numbers

Variants

Item #	Color	UPC
FSNS59U-25	No Color	845671002621

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: 0.268 Revision Date: 04-04-2025
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