

Specifically designed to combine the patented technologies to provide ease of installation and quality performance, Belden ProSNS® connectors deliver a reliable connection for a variety of applications. The FSNS59BCPL3 is specifically designed for RG59 Plenum analog video cable with 23AWG center conductor.

ProSNS Connector: FSNS59BCPL3

Features

ProSNS BNC plenum connectors feature range-taking design which accounts for slightly different diameters found in plenum cables from different manufacturers.

Physical Properties

- Nut and Collar: NiTin Plated Brass
- Split Ferrule Body: Tin Plated Brass

Electrical Properties

- Return Loss: ≥ -30 dB up to 1 GHz typical
- Insertion Loss: ≤ -0.2 dB up to 1 GHz typical
- RFI Shielding: -85 dB typical (60% bonded foil)

Mechanical Properties

- Cable Insertion Force: 20 lbs. maximum
- Cable Retention Force: 40 lbs. minimum per SCTE IPS-SP-401

Environmental Properties

- Temperature Rating -40 °F (-40 °C) to 140 °F (60 °C)
- Salt Fog: Passes 1,000 hours ANSI/SCTE 143 2007



FSNS59BCPL3



Split ferrule body accommodates most RG-59 Plenum cables

Cable Sizes

Inches	Minimum	~	Maximum	Millimeters	Minimum	~	Maximum
Center	.021	~	.025	Center	.53	~	.64
Dielectric	.130	~	.135	Dielectric	3.30	~	3.43
Outer Jacket	.185	~	.195	Outer Jacket	4.70	~	4.95



Recommended Cable Pro® Installation Tools:

	Part Number
	CPLCCT-SLMR
	CPSNSCT-596

For Use with Most RG-59 Plenum Cables Including:

Manufacturer	Part Numbers
Belden	82241, 88241