

Specifically designed to combine patented technologies to provide ease of installation and quality performance, Belden ProSNS® connectors deliver a reliable connection for a variety of applications.

### ProSNS Connector: FSNS59BNCPL

#### Features

ProSNS plenum connectors are designed to fit most plenum coaxial cables. 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:  $\geq -30$  dB up to 1 GHz typical
- Insertion Loss:  $\leq -0.2$  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 1000 hours ANSI/SCTE 143 2007

#### Cable Sizes

Inches	Minimum	~	Maximum	Millimeters	Minimum	~	Maximum
Center	.0317	~	.0339	Center	.81	~	.86
Dielectric	.130	~	.157	Dielectric	3.30	~	5.59
Outer Jacket	.190	~	.220	Outer Jacket	4.83	~	6.93



FSNS59BNCPL



Split ferrule body accommodates most RG-59 Plenum cables



#### Recommended Cable Pro® Installation Tools:

	Part Number
	CPLCCT-SLMR
	CPSNSCT-596

#### For Use with Most RG-59 Plenum Cables Including:

Manufacturer	Part Numbers
Belden	1370P, 1370R, 1506A, 8279, 82259, 89108, 643948, 649948, 6439C8
Commscope	2020K-V, 2036K-V
Genesis	5351, 5355
CSC	221105, 221125, 592002, 861159, 862732
Coleman	99969, 99979, 993236, 993256
Tappan	D30009, D30124, H90224
General	C3500, C3526, C8030, 495023, 495028, 495044
West Penn	25815, 25819, 25Q843