ProSNS®

FSNS59BNCSL Specification Sheet

BELDEN
SENDING ALL THE RIGHT SIGNALS®

ProSNS® offers the industry's first one-piece BNC design specifically for CCTV cable and/or security camera connectors within the new ProSNS family of connectors.

ProSNS Connector: FSNS59BNCSL

Features

In order to create the industry's most reliable and easy-to-install BNC connector for RG59 CCTV cable, Belden has combined the following patented/patent-pending features:

- One piece non-blind entry design for labor savings and a less complicated installation.
- Split Ferrule design for accommodating most RG59 CCTV cables.
- Sliding pin eliminates blind entry when inserting cable.
- Plastic compression sleeve for easy insertion & lowest possible tool compression force.

CCTV cable, which is usually constructed with copper center conductor and braid and no inner foil, can vary in diameter from manufacturer to manufacturer making installation difficult. The split ferrule design in the ProSNS security BNC collapses on the cable jacket when the sleeve is compressed by the tool making cable insertion extremely easy – but without sacrificing cable retention.

FSNS59BNCSL

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 1000 hours ANSI/SCTE 143 2007

Split ferrule body accommodates most RG-59 CCTV cables.

Cable Sizes

Inches	Minimum	~	Maximum
Center	.0317	~	.0339
Dielectric	.130	~	.148
Outer Jacket	.232	~	.248

Millimeters	Minimum	~	Maximum
Center	.81	~	.86
Dielectric	3.30	~	3.76
Outer Jacket	5.89	~	6.30

CE

Recommended Cable Pro® Installation Tools:

	Part Number
	CPLCCT-SLMR
	CPSNSCT-596

For Use with Most RG-59 CCTV Cables Including:

Manufacturer	Part Numbers
Belden	543945, 549945, 1426A, 8212, 8221, 9240, 9265, 9659, 5439W5
Commscope	5550, 5553, 5554, 2054V
Genesis	5001, 5009, 5013, 5103, 5104
Remee	1510R
Coleman	92004, 92074, 991055, 991057, 993251, 993253
Tappan	C30022, H90369
General	C1104, C1135, C1142, C8025, C8027, C8028
West Penn	804, 814, 815, 819, AQC815, AQC819, 2814

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