

# ProSNS® Series

## FSNS59PL3 Specification Sheet

Specifically designed to combine patented technologies to provide ease of installation and quality performance. The FSNS59PL3 is specifically designed for RG59 Plenum analog video cable with 23AWG center conductor.

### Snap-N-Seal ProSNS Connector: FSNS59PL3

#### Specifications

- Body Material: Brass
- Body Material (Plating): Nickel
- 75 Ohm Construction
- Cable Pullout Force Exceeds 40 Lbs

#### Electrical Performance

- DC-1 GHz > 31 dB Return Loss < 1.05 VSWR
- DC-2 GHz > 26 dB Return Loss < 1.09 VSWR
- DC-3 GHz > 21 dB Return Loss < 1.18 VSWR

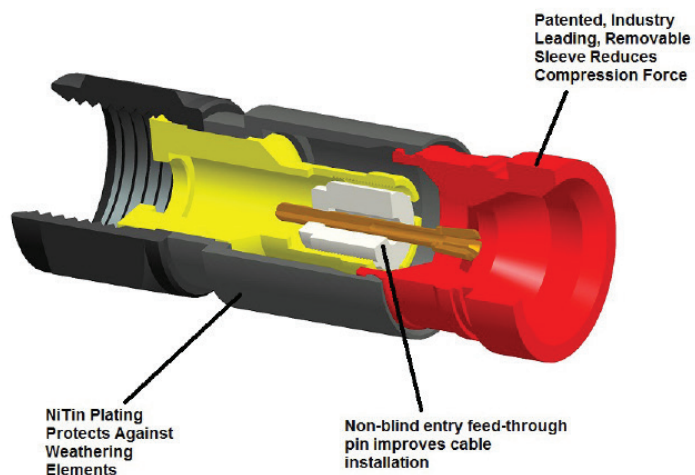
#### Quality in Design

The ProSNS connector series combines patented technologies and traditional, easy-to-use installation techniques together to create a high-quality connector family.



FSNS59PL3

#### Internal Depiction of a ProSNS RG59 Connector



#### Cable Sizes

Inches	Minimum	~	Maximum
Center	.021	~	.024
Dielectric	.130	~	.137
Outer Jacket	.190	~	.220

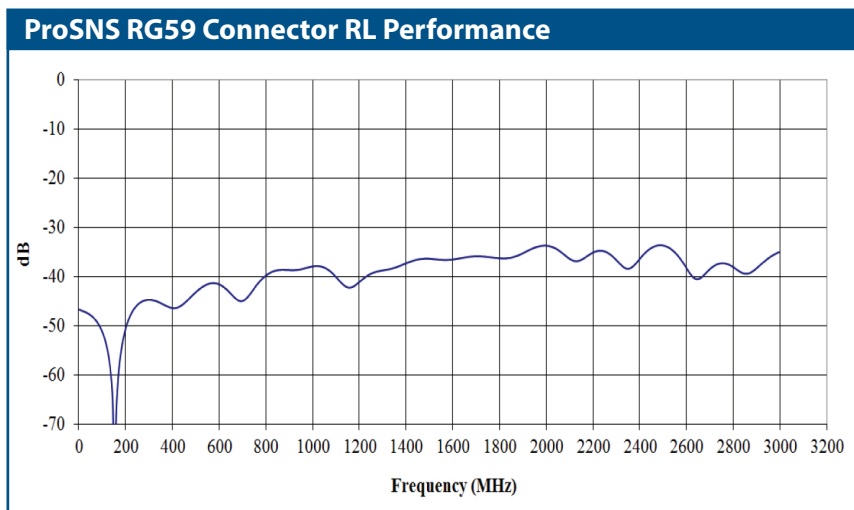
Millimeters	Minimum	~	Maximum
Center	.53	~	.61
Dielectric	3.30	~	3.48
Outer Jacket	4.83	~	5.59

## ProSNS Universal F Male Connector: FSNS59PL3

### Return Loss Performance

The return loss performance should be one of the most important factors in choosing a connector. Return loss (RL) represents the quality and consistency of the signal path. Better (more negative) RL measurements are the result of better impedance stability within the signal path and, therefore, lower reflected signal loss in the path.

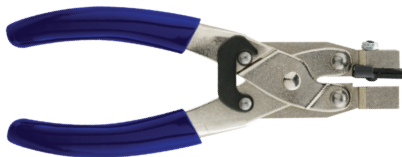
All Belden ProSNS connectors meet or exceed SCTE return loss standards, providing superior return loss results and a dependable, high-quality signal.



### Recommended Installation Tools



CPLCCT-SLMR



CPSNSCT-596



PSA59/6



### FSNS6PL

Part Number*	Description	Impedance (Ohms)	Color Band	Recommended Tools**
FSNS59PL3	"F" Male Connector for Plenum RG59 Cable	75	Red	CPLCCT-SLM or CPSNSCT-596

\*RG59 ProSNS Connectors are also available in retail packaging when ordered with [Part Number]-R.

\*\* Most industry compression tools are compatible with ProSNS Connectors