

ProSNS® Series

FSNS6PLQ Specification Sheet



The ProSNS FSNS6PLQ Connector is a Plenum F-Type Connector that Fits Both Quad-Shield RG6 Plenum Cables and Many RG6 Standard Plenum Coaxial Cables. It Also Fits Most Standard and Tri-Shield RG6 Coaxial Cables When Used on Indoor Applications.

ProSNS Connector: FSNS6PLQ

Specifications

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



FSNS6PLQ

Cable Sizes

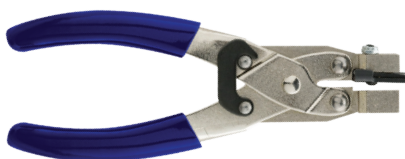
Inches	Minimum	~	Maximum
Center	.0399	~	.0418
Dielectric	.166	~	.193
Outer Jacket	.230	~	.281

Millimeters	Minimum	~	Maximum
Center	1.01	~	1.06
Dielectric	4.22	~	4.90
Outer Jacket	5.84	~	7.14

Recommended Installation Tools



CPLCCT-SLMR



CPSNSCT-596



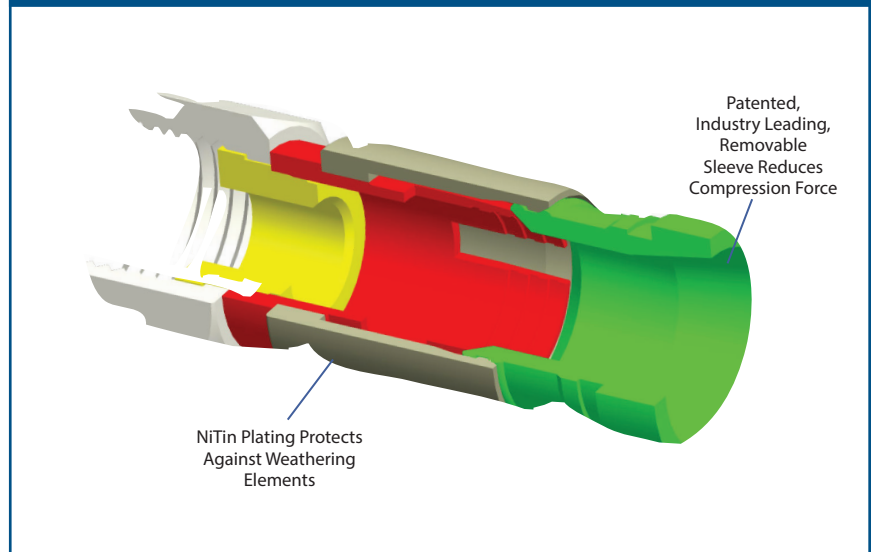
PSA59/6

ProSNS Universal F Male Connector: FSNS6PLQ

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.

Internal Depiction of a ProSNS RG6 Connector

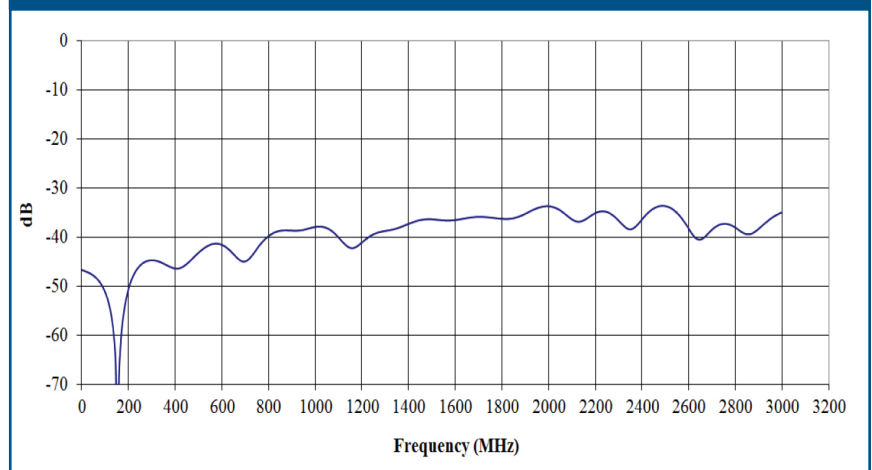


Return Loss Performance

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.

ProSNS RG6 Connector RL Performance



FSNS6PLQ

Part Number	Description	Impedance (Ohms)	Color Band	Recommended Tools*
FSNS6PLQ	"F" Male Connector for Quad-Shield Plenum RG6 Cable	75	Green	CPLCCT-SLM or CPSNSCT-596

* Most industry compression tools are compatible with ProSNS Connectors