

SNAP-N-SEAL® "F" MALE

ONE-PIECE ALUMINUM CONNECTOR




Thomas & Betts introduces an alternate connector material to the Snap-N-Seal® family.

With its user-friendly, pre-positioned and detachably coupled plastic sleeve, the Snap-N-Seal® One Piece Aluminum Connector incorporates time-proven advantages for a reliable connection.

Snap-N-Seal® One Piece Aluminum Connectors use the same proven 360° compression design and installation tools as other Snap-N-Seal® products.

- To reduce assembly time and simplify installation, the plastic sleeve is pre-positioned and detachably coupled to the connector body.
- The plastic sleeve's separability from the connector body further simplifies difficult installations.
- True 360° compression onto cable ensures superior RF shielding performance, -95 dB effective shielding (typical on 60% bonded foil cable).
- Permanently stamped part numbers and color-coded sleeves for easy identification before and after installation.
- Installation requires one-step 1/4" - 1/4" cable preparation and standard compression tools used for all 59 & 6 series Snap-N-Seal® product families.
- Quad-sealed system prevents moisture migration.
- Incorporates a RoHS Compliant, Mil Spec clear finish plus UV resistant plastic and O-rings to provide a reliable, environmentally sealed product.
- Superb return loss performance of -30 dB to 1GHz.
- Cable retention exceeds 40 lb. minimum as specified by the SCTE.

PHYSICAL PROPERTIES

- Materials: Brass Post, Aluminum Nut & Collar
- Nut and Collar Finish: RoHS Compliant, Mil Spec Clear Finish
- Post Finish: Tin Plated
- O-Rings: Ethylene Propylene

ELECTRICAL PROPERTIES

- Return Loss: ≥-30 dB up to 1GHz Typical
- Insertion Loss: ≤-0.18 dB up to 1GHz Typical
- RFI Shielding: -95 dB Typical (60% Bonded Foil)

MECHANICAL PROPERTIES

- Cable Retention: 40 lbs min. Complies to SCTE IPS-SP-401
- Cable Insertion Force: <20 lbs

ENVIRONMENTAL PROPERTIES

- Temperature Rating: -40°F (-40°C) to 140°F (60°C)
- Salt Spray Exposure: Passes ASTM B 117
- Moisture Migration: Passes ANSI/SCTE 60 2004

ORDERING INFORMATION

CATALOG NUMBER	POST I.D.	SLEEVE I.D.	SLEEVE COLOR	TOOL†	INNER PACK	OUTER PACK
"F" SERIES MALE ONE-PIECE COMPRESSION CONNECTORS						
SNS1P59A	.154	.253	Orange	1+2 or 3	50	1000
SNS1P59QSA	.154	.275	Green	1+2 or 3	50	1000
SNS1P6A	.191	.290	Blue	1+2 or 3	50	1000
SNS1P6QSA	.191	.315	Violet	1+2 or 3	50	1000
SNS1P6UA	.191	.315	Red	1+2 or 3	50	1000

†Tool: 1 = CST596 or CST596711 2 = SNSUTL 3 = IT1000

Specifications subject to change without notice.