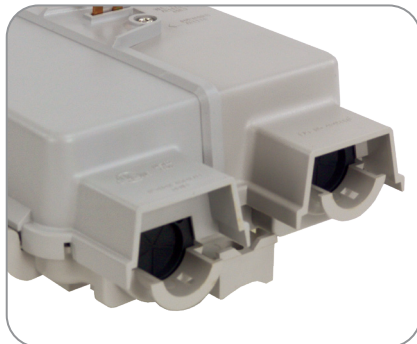
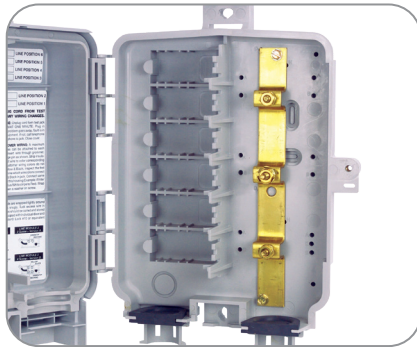


SNI-4600 Network Interface Device

The SNI-4600 is designed to meet requirements for one to six line outdoor residential NIDs. This unit can be equipped with six AFL line modules and six solid state or gas tube protectors. A single or dual coax line module can be installed with up to five voice line modules, both of which have common ground connection capability. The coax line module allows handoff to the subscriber coax termination using standard "F" connectors.



Features

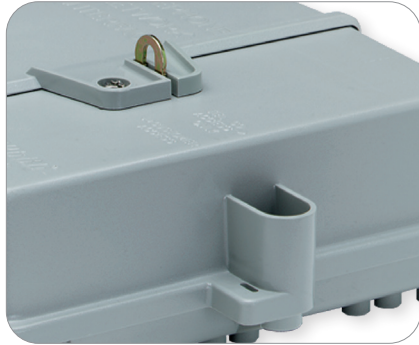
- Field upgradeable individual line modules
- Optional coax demarc line module
- Remote testing electronics and RFI filters
- Rugged, weatherproof thermoplastic alloy housing
- Grommeted entrances
- Uses "K" footprint line modules

Specifications

PARAMETER	VALUE
Insulation Resistance	Minimum of 100 MΩ @ ± 200 V DC
Series Resistance	100 mΩ maximum with jacks mated
Dielectric Withstand	1000 Vrms for 1 minute
Dielectric Withstand to Mounting Surfaces	Minimum 2500 Vrms
High Current Capacity	5 amp current for 15 minutes
Wire Installation Spacings	1" for drop wire, 1/4" for inside wire
Wiring	Network wire-24 AWG solid, plug cable wire-26 AWG stranded
Torque	20 in./lbs.
High Temperature Storage/Mold Stress °F (°C)	14 days at 159 (70.55)
Temperature Cycling °F (°C)	30 day cycling from -40 to +140 (-40 to 60)
Temperature Cycling with Humidity °F (°C)	30 day cycling from +40 to +140 (4.44 to 60) with 95% RH
Impact Test °F (°C)	-40 (-40)
Drop Test °F (°C)	-40 (-40)
Rain	UL® 1863 for 24 hours at 10 psi
Salt Fog (Days Exposed)	30
Sunshine (Days Exposed)	60
Fungus Resistance	ASTM G-21 rating of 0
Flammability	Oxygen index of 28%, UL746C 5 inch flame test
Chemical Resistance	30 Days at 100 °F and 95% RH, subject to: CRC226 water displacement lubricant, WD40 water displacement lubricant, 4353 ant and wasp spray, 3% H ₂ SO ₄ , 0.2N NaOH, Kerosene, 10% Igepal CO-630
Dimensions (H x W x D) in. (cm)	8.00 x 8.63 x 3.00 (20.32 x 21.92 x 7.62)

continued
→

SNI-4600 Network Interface Device



Lock Staple/Telco Override

A view of both the telco and subscriber locking mechanisms. The subscriber can access the unit with a standard screwdriver and a stainless steel lock staple is provided for individual security. Telco override is provided and can be accessed with a standard 216 tool (security fastener option also available).

Ordering Information – Standard Configurations

MODEL NO.	AFL NO.
SNI-4600 - 1 - J - 1 - 1 - 90 - H	DM000116
SNI-4600 - 1 - B - 1 - 1 - 37 - H	DM000002
SNI-4600 - 1 - B - 1 - 2 - 37 - H	911226-00-00
SNI-4600 - 1 - B - 1 - 6 - 37 - H	911142-00
SNI-4600 - 1 - A - 1 - 1 - 37 - H - CLM - 5 - 1	912436-00-00

Custom Ordering Matrix (consult customer service for availability)

Basic Unit	Line Module Security	Subscriber Termination	Type of Electronics	Number of Lines Equipped	Lightning Protection	Telco Cover Fastener
SNI-4600	1	BT	2	3	37	H
SNI-4600	1 = Without individual subscriber security covers	A = 2 Screw, 2 Wire, RJ-11 interface B = 4 Screw, 2 Wire, RJ-11 Interface (Green and Red electrically active) C = 6 screw, 2 wire, Bridging Module D = 4 screw, 4 wire, RJ-14 Interface (Green, Yellow, Red and Black are electrically active) F = 2 screw, 8 position, 2 Wire Interface (Special Services) J = 4 Screw, 2 Wire, RJ-11 Interface (Dual Green and Red screws electrically active) T = Sealed RJ-11 ETO "Jumping Jack" (n/a with C, D or F termination above)	1 = Interface Module only 2 = Half Ringer Equivalence 4 = RFI Filter (Radio Frequency Interference)	1 = 1 (Up to 6)	37 = 125 57 = 356 90 = 455 N = NONE	H = 3/8" Hex Head Screw S = Pin-In-Hex Security Screw (for use with KS-19192 tool)

EXAMPLE: SNI-4600 – 1 – BT – 2 – 3 – 37 – H

This model number indicates that the following has been ordered:
SNI-4600 housing, supplied without individual subscriber security covers, line module includes: 4 screws, 2 wire RJ-11 interface and a sealed RJ-11 ETO "Jumping Jack", Half Ringer equivalence, three line capacity, 125EW lightning protection, and 3/8" Hex Head screw for telco cover fastener.

Qualifications

GOVERNING BODY	STANDARD CODE	COMPONENT
Telcordia	GR-49-CORE	Base and Cover
UL	746C, 1863	Base and Cover
ASTM	G-21	Base and Cover

Contact AFL for further details.