![AFL logo]

Line Modules for Network Interface Devices

The strength of the Network Interface Device (NID) product line lies in our versatile family of Line Interface Modules. The standard Line Interface Module footprint has been an integral part of the NID market for years with millions of NIDs deployed to date.

Features

- Field upgradeable
- Standard line module footprint
- Self-contained, simply press in place
- Available with half ringers and RFI filters
- Line modules used in: SNI-4600, SNI-4300, SNI-4600XL, ML-6, SNI-1212, SNI-1600 and TA-230
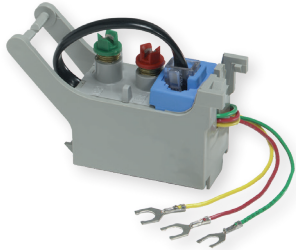
Specifications

PARAMETER	VALUE
Contact Construction	50 micro inches hard gold / 100 micro inches nickel plated phosphor bronze
Contact Force	Minimum 100 grams
Temperature Cycling with Humidity	30 day cycling from 40° to 120°F (4.44° to 48.88°C) with 90% RH
Sealed Line Module Immersion (Flooded Conditions)	RJ-11 jack immersed in a solution of 1% weight sodium chloride (NaCl) and distilled deionized water, placed at a depth of 12 inches, or at a temperature of 77 °F for a period of three days. A bias of -48 V dc was applied between tip and ring of the jack during immersion
Coax Module: Impedance Insertion Loss Return Loss "F" Connector Coax Cable RF Shielding	75 Ω $\leq$ 0.12 dB maximum, 5 MHz-1 GHz $\leq$ 21 dB minimum, 5 MHz-1 GHz Meets SCTE specification IPS-SP-400 Conforms to MIL-C-17/94F specification 100 dB, 5 MHz to 1 GHz, tested per MIS-20097D

Standard Configurations

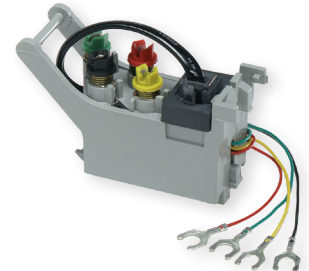| MODEL NO.	AFL NO.
Kit, Upgrade 1-B-1 / 125 Protector	DM000003
Kit, Upgrade 1-B-1	90829
Kit, Bunch Block	911322-00-00
Kit, Upgrade 1-J-1	DM000119

Line Modules for Network Interface Devices
Typical Configurations

1-A-4 Module
(RFI Filter Module)

1-C-1 Module
(Bunch Block)

1-D-1 Module
(RJ-14 Module)

Custom Ordering Matrix (consult customer service for availability)

Line Module Security	Subscriber Termination	Type of Electronics	Lightning Protection
2	**BT**	**1**	**37**

Line Module Security

1 = Without individual subscriber security covers

2 = With individual subscriber security covers

Subscriber Termination

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)

Type of Electronics

1 = Interface Module only

2 = Half Ringer Equivalence

4 = RFI Filter (Radio Frequency Interference)

Lightning Protection

37=

125

57=356

90=455

N=NONE

EXAMPLE: 2 – BT – 1 – 37

This model number indicates that the following has been ordered:
A line module, supplied with an individual subscriber security cover, 4 screws, 2-wire RJ-11 interface and a sealed RJ-11 ETO "Jumping Jack" interface circuit module (interface only) and is supplied with a 125EW lightning protector.

Qualifications

GOVERNING BODY	STANDARD CODE	COMPONENT
UL	Listed	

Contact AFL for further details.