

Tii ISB

Intercom System Bypass

For Use with Telephone Entry
Systems Interfacing with VDSL/
POTS Lines

Combination of Low Pass and
High Pass Filters for DSL signal
bypass of entry system

Compact, Modular Craft Friendly
Design

Tool-Less Termination

Utilizes Tii's Gel-Sealed IDC Rocker
Design

Snaps Easily into Tii ISB-Plate
Adapter Panel



Tii ISB

The Tii ISB enables sensitive VDSL2 signals to bypass around telephone and gate entry systems commonly used in apartment buildings and gated communities. The module enables the POTS portion of the Telco's signals to be routed through the entry system and recombined with the pristine DSL signal for transport to the apartment or home, avoiding the severe losses associated with routing the DSL signal through the telephone entry system. The ISB module easily snaps into the Tii ISB-Plate adapter panel.

KEY PRODUCT BENEFITS

- ▶ Module is designed to snap into the Tii ISB-Place Switchable Voice NID adapter panel.
- ▶ Protects DSL signal from degradation caused by telephone entry systems.
- ▶ Full entry system functionality maintained along with a robust DSL signal.
- ▶ Superior performance and reduced space/cost relative to using two splitters back to back.
- ▶ Terminations are made to gel-sealed insulation displacement contacts (IDC) by means of convenient tool-less rocker assemblies. Wire strip is not required.
- ▶ Convenient integral sealed test points -- no additional loose test clips are required.
- ▶ The module is molded of temperature and humidity resistant thermoplastic, which resists cracking, crazing and discoloration.
- ▶ Compact, modular design for optimal wiring.
- ▶ Accepts 26 through 22 AWG solid conductor wire.

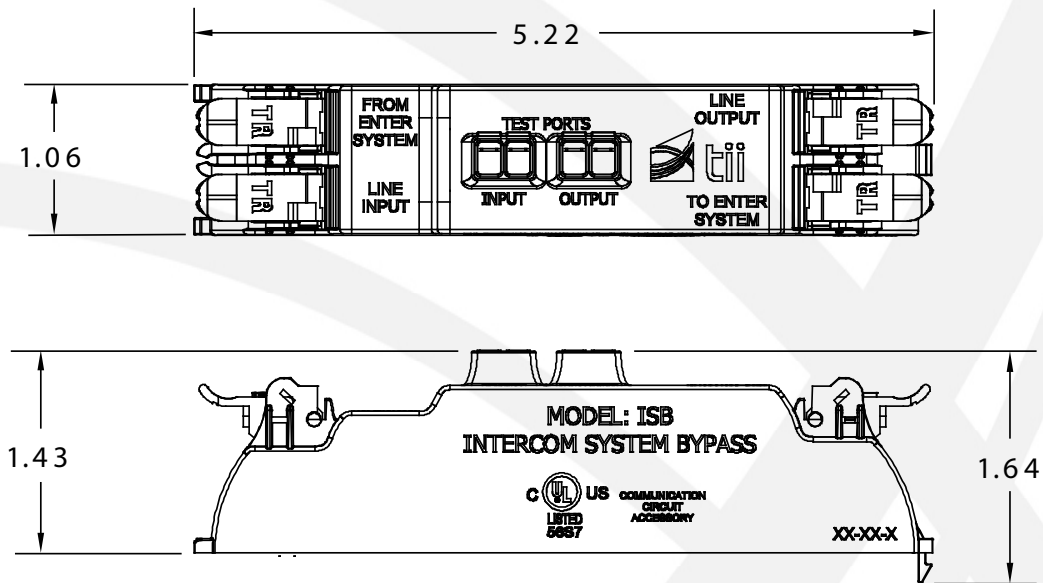


tii network technologies

141 Rodeo Drive
Edgewood, NY 11717
T. 631.789.5000
Toll Free 888.844.4720
F. 631.789.5063
sales@tiinettech.com

www.tiinettech.com

Tii ISB



SPECIFICATIONS

Electrical

DC Loop Current	0 to 100mA
DC Loop Voltage (tip-to-ring)	0 to -60 V dc
Ringing Signal	103 Vrms superimposed on DC Loop Voltage
DC Resistance (Input to Enter System) & (From Enter System to Output)	< 20 ohms
Insertion Loss (Input to Output)	< 1.0 dB
Return Loss (VoiceBand)(Short & Long Loop)	> 7 dB
DSL Band Attenuation (To and From Enter System)	> 55 dB; 30kHz - 30 MHz
DC Current Influence (Ring Tip)	< 2% up to 300mA

Environmental

Operating Temperature	-40 to 65°C (-40 to 149°F)
Relative Humidity	0 to 95% non-condensing

UL Listed to UL1863 as a communication circuit accessory.

ORDERING INFORMATION

Model No.	Description
Tii ISB Module	Intercom System Bypass
Standard Package:	20 pieces
Weight:	0.100 lbs. each