

## ISB-GF Series

### Intercom System Bypass

CPE/Premise Wiring

MDU

Utility/Municipality



ISBGF



ISB-PLATE

The ISB-GF enables sensitive G.fast 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 ISB PLATE adapter panel.

#### KEY PRODUCT BENEFITS

- ▶ Tool-Less termination
- ▶ Module is designed to snap easily into the ISB-Plate
- ▶ 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

#### INDUSTRY STANDARDS

- ▶ Listed to cUL 1863



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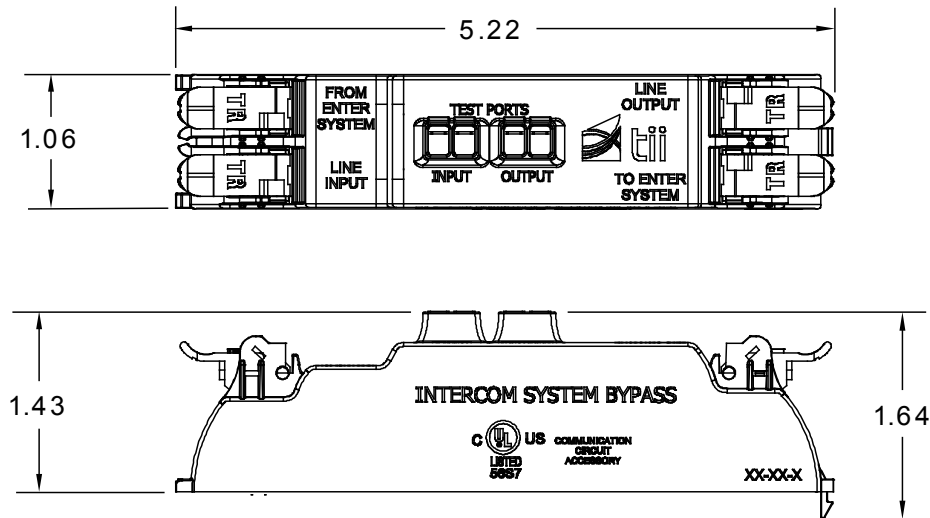
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Dimensions are in Inches

## SPECIFICATIONS

### Electrical

DC Loop Current	0 to 100mA
DC Loop Voltage (tip-to-ring)	0 to -60 V dc
Ringling 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 - 212 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

## ORDERING INFORMATION

Model #	Description
ISB-GF	Intercom System Bypass
ISB-PLATE	ISB Plate Adapter Panel
ISB-PLATE-06	ISB Plate Adapter Panel Equipped with (6) ISB Modules
ISB-PLATE-12	ISB Plate Adapter Panel Equipped with (12) ISB Modules