

Document No.:

## PRODUCT SPECIFICATION

HN-LB-SW-1U

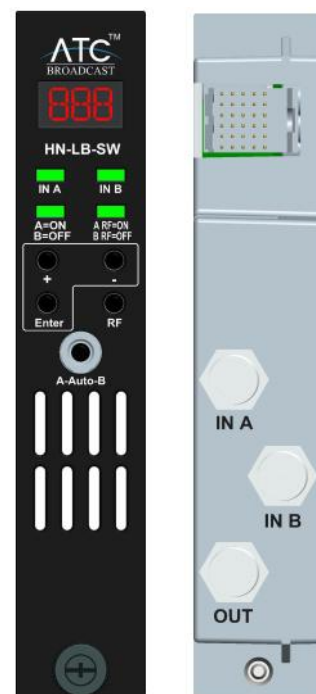
ISSUED TO		
Revision#	1.0	
DATE ISSUED	November 13, 2010	
Approval Check Items		
Draft	Checked	Approved
Celia		

## Description

The platform is based on state-of-the-art RF-to-fiber technology. The L band switch module is designed to meet increasing demands for higher performance and more RF control and monitoring. This module can compatible with other modules of ATC headend product series to integrate into the same chassis. The module contains a high performance, advanced circuitry achieves, and ideal for satellite applications. All configuration parameters of modules can be monitored via HN-SMM equipment management module

## Features

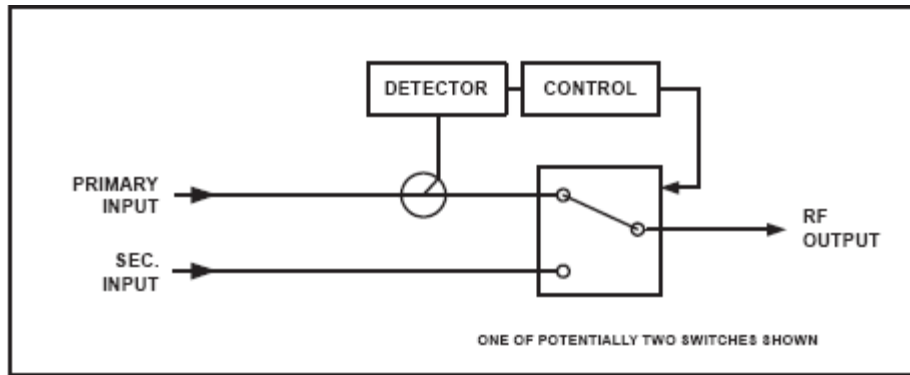
- Hot swap plug-in module
- Frequency range of 950 to 2150 MHz
- Auto/Manual switch mode option
- RF level detection for automatic switching
- Front panel switch for A/B or automatic operation
- Front panel LEDs indicate the status
- Local and remote software control



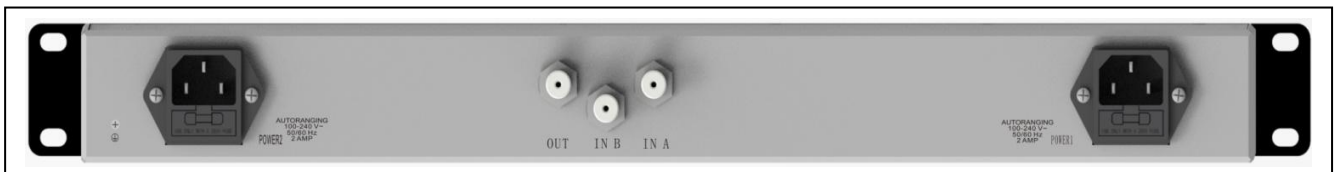
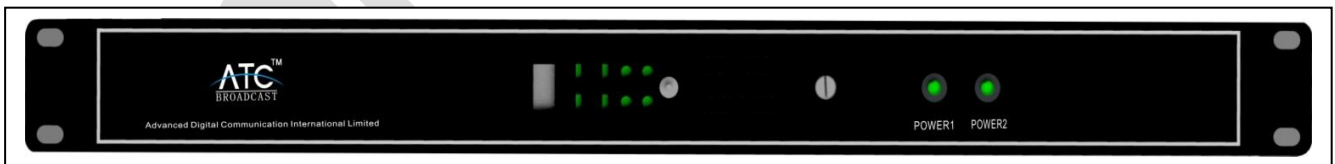
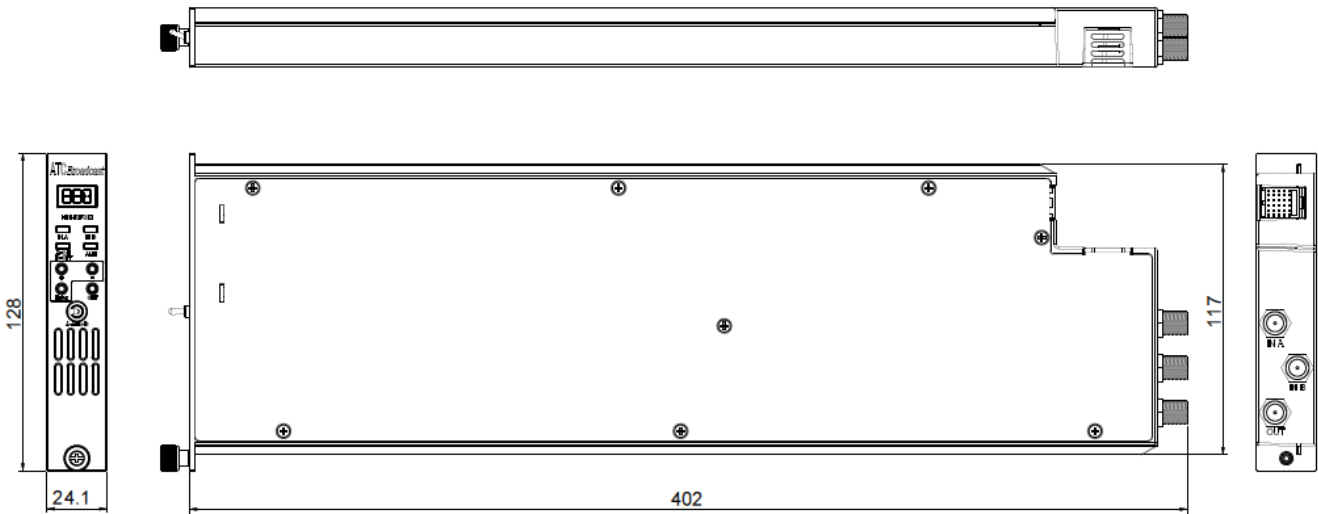
## Specifications

Parameter	Unit	Specification	Note
<b>RF Performance</b>			
Bandwidth	MHz	950-2150	--
Return loss	-dB	≥12	--
Insertion loss	dB	2.5±1.0	--
Impedance	ohm	75	--
Input Power	dBm	-60~-20	--
Switching time	ms	≤20	--
Port to Port Isolation	dB	≥40	--
Switching Threshold	dBm	-20、-30、-40、-50、-60	--
Connector		F-female	--
<b>Electrical/Physical Performance</b>			
Supply voltage	VDC	24	--
Power consumption	W	<2	--
Dimensions	mm	410D x 24W x 128H	--
Weight	Kg	1.0	--

### Block Diagram



### Dimensions (mm)



## HN-LB-SW-1U