

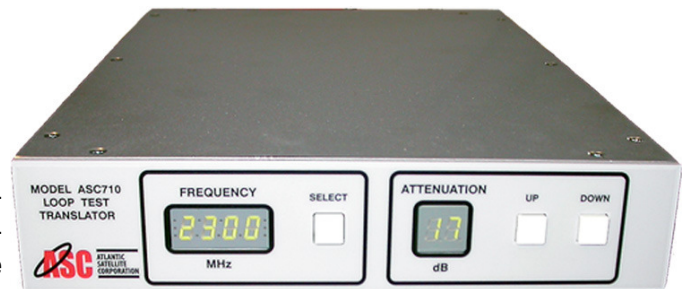
ATLANTIC SATELLITE CORPORATION

Model ASC710X Test Loop Translator

Quality Products @ Reasonable Prices

Functional Description

The Atlantic Satellite Corp. ASC710X Test Loop Translator is designed to do bench-top testing of satellite transmission systems. The ASC710 essentially replaces the satellite for loop-back analysis of satellite communication systems.



Features

- Low-Cost
- Input frequency range of 7.9 to 8.4 GHz
- Small size for bench-top testing. **Rack mount optional.**
- Low Phase Noise
- High frequency stability
- Universal AC input power

Includes :

1. 30 dB coupler
2. 10 Watt load
3. Variable 1 dB step attenuator

Technical Specifications

Frequency Input Range 7.9 to 8.4 GHz
 LO Frequency 650 MHz
 LO Frequency Stability < 1 ppm, +10 to 40 ° deg. C
 Output Frequency 7.25 to 7.75 GHz
 Bandwidth 500MHz
 Maximum Input Power 10 Watts, Continuous
 Insertion Loss..... 50 dB, Minimum; 70 dB, Maximum
 Attenuation Adjustment Range 20dB, 1dBsteps,
 Front Panel Adjustable
 Input & Output Impedance..... 50 Ohm
 Input and Output Connectors..... Type N Female
 Phase Noise..... > 75 dB-Hz @ 1 kHz from carrier
 Front Panel LED Display 4 digit, LO Frequency,
 2 digit, Attenuation
 Band Select..... Front Panel, Pushbutton
 Size 1.75 " H x 8.0 " W x 10.0 " D
 Primary Power 90-250 VAC, 47-63 Hz

Optional: Rack Mountable Front Panel Available

Atlantic Satellite Corporation

259 Expressway Court
 Virginia Beach, Virginia 23462
 Phone: 757-318-3500
 Fax: 757-318-7020

Email: sales@atlanticsat.com

www.atlanticsat.com

www.atlanticsat.com