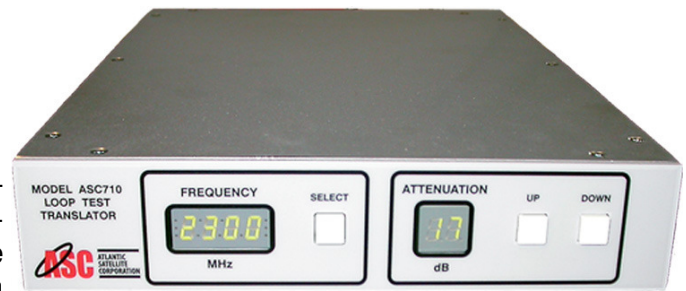


ATLANTIC SATELLITE CORPORATION

Model ASC 710 C Loop Test Translator

Quality Products @ Reasonable Prices



Functional Description

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

Features

- Low-Cost
- Input frequency range of 5.85 to 6.65 GHz
- LO Frequency switching from the front panel for testing of two separate C-bands.
 1. LO 1 Frequency: 2225 MHz for 5.85 to 6.425 GHz Input and 3.625 to 4.20 GHz Output
 2. LO 2 Frequency: 2450 MHz for 5.85 to 6.65 GHz Input and 3.4 to 4.20 GHz Output
- 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 5.85 to 6.65 GHz
 Maximum Input Power 10 Watts, Continuous
 Insertion Loss..... 45 dB, Minimum; 65 dB, Maximum
 Level Control.....20dB(min)
 Input & Output Impedance.....50Ohm
 Maximum Input Power 10 Watts Continuous
 Attenuation Adjustment Range 20dB, 1dBsteps,
 Front Panel Adjustable
 LO Frequency ... Two Bands, Front Panel Selectable
 Band 1:..... 2225 MHz
 Band 2:..... 2450 MHz
 Output Connectors..... Type-N, Female
 Phase Noise.....> 75 dB-Hz @ 1 kHz from carrier
 LO Frequency Stability ... < 1 ppm, 10 to 40 ° deg. C
 Front Panel LED Display4 digit, LO Frequency,
 2 digit, Attenuation
 Band Select..... Front Panel, Pushbutton
 Attenuation Adjust..... Front Panel, Pushbutton,
 1 dB Steps
 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

259 Expressway Court
Virginia Beach, Virginia 23462

Phone: 757-318-3500
 Fax: 757-318-7020
 Email: sales@atlanticsat.com
www.atlanticsat.com