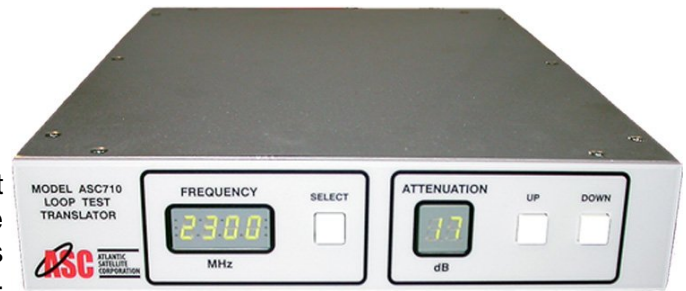


Model ASC710 Ku Loop Test Translator

Quality Products @ Reasonable Prices



Functional Description

The Atlantic Satellite Corp. ASC710 Ku Loop Test 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 14.00 to 14.50 GHz
- LO frequency switching from the front panel for testing of three separate Ku bands.

1. LO 1 Frequency: 1750 MHz for 12.25 to 12.75 GHz
2. LO 2 Frequency: 2300 MHz for 11.70 to 12.20 GHz
3. LO 3 Frequency: 3050 MHz for 10.95 to 11.45 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..... 14.00 to 14.50 GHz
 Maximum Input Power..... 10 Watts, Continuous
 Insertion Loss..... 40 dB, Minimum; 75 dB, Maximum
 Attenuation Adjustment Range..... 25dB, 1dBsteps,
 Front Panel Adjustable
 LO Selection..... Three Bands, Front Panel Selectable
 Band 1:..... 1750 MHz
 Band 2:..... 2300 MHz
 Band 3:..... 3050 MHz

Input and Output Connectors..... SMA, Female
 Phase Noise..... > 75 dB-Hz @ 1 kHz from carrier
 LO Frequency Stability..... < 1 ppm, 10 to 40 ° deg. C
 Front Panel LED Display..... 4 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

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