

ATLANTIC SATELLITE CORPORATION

Model ASC710X Loop Test 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 ASC710X 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 40⁰ 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 & 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

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