

Model ASC 720 Mini Test Loop Translator

Quality Products @ Reasonable Prices



Functional Description

The ASC720 Mini-Translator is a lower power unit designed for portable applications for the loop back testing of a satellite uplink. The unit can be configured for the basic three different Ku band downlink frequencies or the two basic C band downlink frequencies. Small size and low cost make it an effective tool for field technicians and engineers to evaluate and trouble shoot a satellite transmission facility.

Features

Frequency Bands with input frequency of 14.0 to 14.5 GHz:
 K1 (LO: 3.05 GHz) 10.95 to 12.75 GHz
 K2 (LO: 2.30 GHz) 11.70 to 12.20 GHz
 K3 (LO: 1.75 GHz) 12.25 to 12.75 GHz

Frequency Band with input frequency of 5.85 to 6.65 GHz
 C1 (LO: 2.45 GHz) 3.40 to 4.20 GHz

Frequency Band with input frequency of 5.85 to 6.425 GHz
 C2 (LO: 2.225 GHz) 3.625 to 4.20 GHz

The desired band must be specified at the time of ordering.

Technical Specifications

Maximum input level -15 dBm
 Frequency stability ± 1 ppm
 Phase Noise < -75 dBc-Hz at 1 kHz
 Input Power +9 Volts @ 150 ma
Note: Universal AC adapter is provided with the unit.
 Size 6.50" x 4.25" x 1.75"
 Weight 1 lb (454 grams)
 Power Connector 2.1mm (male positive center conductor)
 Power Indicator Green LED
 Input and Output Connectors SMA Female, 50 Ohm
 Insertion Loss 15 dB, ± 3 dB

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