

Model 605 Frequency Converter



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VENDOR DESCRIPTION

The Model 605 is a Versatile Frequency Converter that uses advanced signal processing techniques. It provides a COTS solution for IF to Tape, Tape to IF, or IF to IF conversion requirements.

- Input center frequencies from 200 kHz to 80 MHz, 110 MHz to 190 MHz (including standard 140 MHz and 160 MHz), and 960 MHz to 1040 MHz
- Selectable output bandwidth from 1.0 MHz to 80 MHz
- Digital filters for flat delay response
- AGC and Manual Gain modes
- RS-232 remote control (standard)
- 1U, half-rack width
- Digital and analog outputs

The internal local oscillators can be phase locked to an external 10 MHz reference. If an external 10 MHz reference signal is not furnished, the 605 automatically switches to an internal reference.



Product Manager Robotic & Unmanned Sensors

Telephone: (732) 427-5827 / DSN 987

Fax: (732) 427-5072 / DSN 987

e-mail: SFAE-IEWS-NV-RUS@IEWS.monmouth.army.mil



Business Category: Large Business

SIGINT

Hardware

Power: 45 watts	Operating Speed: N/A
Weight: 15 lbs	Operating Temp.: 0°C to 50°C
Dimensions: 1.75 in x 8.5 in x 20 in	Storage Temp.: -40°C to +68°C
Internal Volume: 0.17 ft ³	Interface: RS-232
In-Flight Manipulation of the Sensor: Yes	Bandwidth Required: N/A
Able to Perform in an Environment with Yaw & Pitch Rates: Yes	TCDL Compatibility: N/A
Range: N/A	MTBF: N/A
	MTTR: N/A
Operating Altitude: N/A	Maintainability: 2-level BIT to LRM level

Performance

Performs 24 hrs continuous on-station mission operations within 24 hr period
Capable of 24 hr surge for X consecutive days with X days ops being limited to 16 hrs - Proprietary

Product data sheet is available at http://www.l-3com.com/cs-east/comint/ie_comint_itot.html