

Model 388 IF-to-Tape Converter



M/A-COM SIGINT Products

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VENDOR DESCRIPTION

The Model 388 IF-to-Tape/Baseband Converter provides the features necessary to meet today's wide range of signal down-conversion applications, from conventional IF-to-tape conversion to high speed A/D signal recording. The unit offers maximum user flexibility and improved performance while maintaining a compact mechanical package. Three fixed IF inputs – 21.4, 70 and 160 MHz – are standard. A variable frequency input of 10 to 250 MHz is selectable from the front panel or via RS-232 interface. Four preset output center frequencies – 1.075, 2.150, 3.225, or 4.300 MHz – are available. The output center frequency is variable over the range of 100 kHz to 20 MHz (50 MHz optional). The Model 388 is group delay equalized, has low phase noise and in operation is nearly transparent to the user.



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SIGINT

Hardware

Power: 45 watts	Operating Speed: N/A
Weight: 8 lbs	Operating Temp.: 0°C to 50°C
Dimensions: 45 mm x 126 mm x 500 mm	Storage Temp.: -10°C to 70°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 hrs period
Capable of 24 hr surge for X consecutive days with X days ops being limited to 16 hrs – Proprietary