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Find the *Microsemi / Symmetricom / Datum 6504A* at our website: *Click HERE*



DISTRIBUTION MODULES

Features

Superior IRIG B Signal Distribution
High Channel Isolation
Rack Mount or Bench top
Ten Channel Output Distribution
Compact & Light weight
Daisy Chain For More Than 100 Outputs

6504 IRIG-B Distribution Module



Overview

The DATUM 6504 Distribution Module is a ten channel, IRIG-B distribution amplifier packaged in a 1U rack mount chassis. It is comprised of ten low phase noise RF amplifiers that maintain high channel isolation (>100dB). Up to ten units can be daisy chained together to give up to 100 outputs or each output of one unit can be used as a source for other 6504 units to give almost infinite expansion capability with virtually no signal degradaion.

The 6504 standard configuration accepts an IRIG-B time code signal and provides 10 buffered IRIG-B outputs. Each output and input has an alarm indicator that warns of either a loss of time code or a time code of insufficient amplitude.

The 6504 is also available in custom configurations. Please contact Datum - TT&M with any specific requirements

6504 IRIG-B Distribution Module



DISTRIBUTION MODULES

Specifications

ELECTRICAL SPECIFICATIONS

Time Code Outputs (ten)

Code Format	IRIG-B
Modulation Frequency	1kHz
Modulation Ratio	3:1
Amplitude	≤ 3 V P-P

Time Code Input

Code Format	IRIG-B
Modulation Frequency	1kHz
Modulation Ratio	3:1
Amplitude	≤ 3 V P-P

Controls & Indicators

Summary alarm indicates failure of any output signal or power loss

Power	Green LED, power is connected
Alarm	Red LED, signal output failure
Alarm Override (optional for 6504B)	Toggle Switch: Up = Alarm Enabled Down = Alarm Disabled

ENVIRONMENTAL & PHYSICAL SPECIFICATIONS

Temperature (operating)

0° C to 55° C

Relative Humidity

0 to 95 %,non-condensing

Power Requirements

AC Input (±15%)	120 or 230 V AC, <10W
DC Input (option)	22 to 56 V DC, 10W

Dimensions

Height	1U (~1.75 inches)
Width	19 inches
Depth	12 inches

Weight

<10 lbs

Options	Option P/N
• Front mounted connectors	502



Specifications subject to change without notice.

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