



FEATURES

- Gain and Phase Matching
- Low Distortion
- Customer Specified Frequency

DESCRIPTION

The Model 724 Timing Distributor is a distribution amplifier which allows precise fan-out of timing signals which are generally in the 1 to 10 MHz range. The standard unit provides for 12 undistorted outputs from a single input with excellent phase and gain matching between outputs. Front or rear panel input/outputs may be provided.

The Model 724 is housed in an EIA standard 1-3/4 inches high chassis. Exceptional EMI integrity is achieved through the use of machined aluminum housings and multi-section RFI filters.

SPECIFICATIONS

Impedance— Input and Output	50 ohms
Number of Outputs	12
Return Loss (all ports)	> 14 dB
Gain	0 ± 0.25 dB
Signal Level	1 Vrms, nominal
Frequency	1, 5, or 10 MHz (specify)
Isolation—Output to Output	> 20 dB
Harmonic Distortion	> 50 dB down
Non-Harmonic Distortion	> 80 dB down

Phase Difference— Output to Output	< 0.5 nanoseconds
Controls—Front Panel	Power On/Off (illuminated)
Connectors— Rear Panel	BNC Other configurations available on special order
Power	115/230 Vac ±10%, 47-63 Hz 20 watts, nominal
Style	EMI standard chassis, 1-3/4 inches high, 16 inches deep, suitable for 19-inch rack mounting

Specifications may vary depending on options selected and are subject to change without notice.

ORDERING INFORMATION

The Model 724 Timing Distributor is available with an input center frequency of 1, 5, or 10 MHz. The desired input center frequency must be specified from the options list below. When ordering, please specify:

724 Timing Distributor
Option C61 1 MHz Input Center Frequency

Option C65 5 MHz Input Center Frequency
Option C60 10 MHz Input Center Frequency

WARRANTY

All of Reaction Instruments' equipment is warranted for one year, except for damage caused by accident or misuse, provided the equipment is returned for repair to the plant in Herndon, VA.

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