

# BNC Precision Timing and Triggering

*Benchtop, OEM, Rackmount*

## Model 577



- 250pS Resolution on 4/8 independent channels
- 50pS channel Jitter / 800pS RMS Ext. jitter
- Independent trigger options for each channel
- Clock in & clock out signal phase locking

## Features

- Optical Inputs/Outputs
- Independent Channels
- LabVIEW Support
- DDG-MUC PC Control Software

## Model 745-T

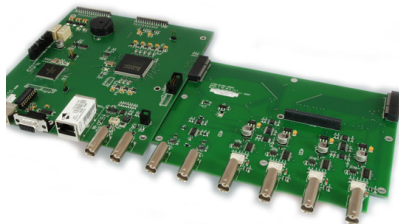


- 250fs time resolution
- Down to 5pS jitter (int trigger)
- 25pS jitter (ext trigger)
- Output risetimes typically 1ns

## Options

- Fully Adjustable High Voltage
- Optical Inputs/Outputs (820/1300nm)
- Impedance Matching
- Multiple Trigger

## Model 588-OEM



- Development or integration
- 1 ns timing resolution
- <400 pS jitter
- 2/4/5 channels with independent delay and width
- With or without powersupply



**BNC**

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Precision Instrumentation Since 1963...

# BNC Precision Timing and Triggering

*Benchtop, OEM, Rackmount*

## Model 588



- Low Profile Design
- 4/8 independent channels with 250pS delay width
- 50pS internal jitter, 250pS trigger jitter
- Dual trigger options

## Features

- Optical Inputs/Outputs
- Independent Channels
- LabVIEW Support
- DDG-MUC PC Control Software

## Model 745-20C



- Four independent delay channels
- <math><1\text{pS}</math> delay resolution
- <math><15\text{pS}</math> rms jitter
- Maximum Delay of 10 seconds
- Rack 19", 1U, scalable to 100's of channels

## Options

- Fully Adjustable High Voltage
- Optical Inputs/Outputs (820/1300nm)
- Impedance Matching
- Multiple Trigger



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