

### FEATURES

- \* Compact In - Line Design
- \* Rugged Construction
- \* BNC Male/Female Connectors
- \* Accepts Bipolar and Logic Signals
- \* No Power Supplies Needed
- \* Wide Bandwidth, Low Distortion
- \* Low Cost



### DESCRIPTION

The Model 460 contains an inverting pulse transformer packaged between male and female BNC connectors. This allows it to be easily inserted in a signal path with no additional cables required. Its high bandwidth and excellent pulse response make it useful in a wide variety of laboratory setups.

### GENERAL PERFORMANCE

- Bandwidth** : 500KHz to 1.2GHz (3db).  
**Polarity** : Non-polarized and reversible in-line.  
**Insertion Loss** : Typically 10% @ 1GHz.  
**Risetime** : Less than 300pS.  
**Droop** : Less than 10% for 250nS wide pulse; (50 ohm load).  
**Dimensions** : .575" Diameter (14.6mm) x 1.72" Length (44mm).

