



## Experiment Trigger Cable

Agilent provides a coaxial cable with BNC connectors to connect the Experiment Trigger signal (SYNC TRIG) from the TRS/FPA Connector (J801) to an excitation device provided by a third party for triggering user experiments. For nanosecond TRS experiments, this device is typically a laser. The Experiment Trigger signal is issued repetitively at the user-specified Experiment Trigger rate (spectrometer master mode), or from a user-derived external trigger signal (spectrometer slave mode). The signal is a TTL- or CMOS-compatible 5 V signal that transits from a *low* to a *high* state at the trigger point.

This trigger cable does not have an interlock, so any device connected to the cable may continue to operate even when the instrument sample compartment is open. Use caution when operating the system using this trigger cable and follow all safety procedures recommended by the third party.

If you need to design a special cable for your particular experiment, see the 'Hardware How To' section of the Help provided with the Resolutions Pro software package.

### NOTE

As the third party device connected to the Trigger Cable will vary, Agilent makes no warranties or representations regarding the compatibility of such devices. Agilent takes no responsibility for any damage or loss resulting from the third party device. It is recommended that all safety precautions and correct usage is followed as per the device manufacturer's instructions.



This information is subject to change without notice.



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