

Materials List for:

Measurement of Coherence Decay in GaMnAs Using Femtosecond Four-wave Mixing

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Materials

| Name | Company | Catalog Number | Comments |
|-----------------------------------|---------------------------|----------------|----------------------------------|
| Ti:Sapphire Oscillator | Coherent | Mira-Seed | Part of full laser system |
| Manual Translation Stage | Newport | 462 | Quantity: 2 |
| Optical/Optomechanical Components | Thorlabs, Others | Various | |
| DC Regulated Power Supply | Tenma | 72-6628 | |
| Function Generator | GW Instek | GFG-8216A | |
| Digital Delay Generator | Stanford Research Systems | DG645 | |
| Speaker Amplifier | Sony | XM-222W | |
| Silicon Photodetector | Thorlabs | PDA36A | |
| Photomultiplier Tube | Hamamatsu | | |
| Digital Oscilloscope | Tektronix | TDS2024B | |
| Optical Cryostat | Janis | ST-300 | |
| Cornerstone 260 Monochromator | Newport | Newport 74110 | |
| Sapphire Window | General Ruby and Sapphire | | |
| Citric Acid | Sigma-Aldrich | C1909 | |
| Optical Adhesive | Norland | Thorlabs NOA61 | |
| Hydrogen Peroxide Solution | Sigma-Aldrich | H3410 | |
| Deionized Water | | | Water from a Type I water system |