

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