

Materials List for:

Generation and Coherent Control of Pulsed Quantum Frequency Combs

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Materials

Name	Company	Catalog Number	Comments
Superconducting Nanowire Single-Photon Detector System	Quantum Opus	Opus One	
Electro-optic phase modulator	EO-Space	Low loss model	
Programmable filter	Finisar	WaveShaper 4000s	
Timing electronics	PicoQuant	HydraHarp 400	
Micro-ring resonator			200 GHz FSR micro-ring resonator made from high refractive index glass. See Ref. ²⁴ for platform details.
Erbium-doped fiber amplifier	Keopsys	PEFA-SP-C-PM-27-B202-FA-FA	
Electro-optic amplitude modulator	Oclaro	SD40	
RF tone source	Rohde & Schwarz	SMP 04	
RF tone amplifier	RF-Lambda	RFLUPA27G34GA	
Function generator	Tetronix	AFG 3251	
Isolator	General Photonics	NISO-S-15-SS-FC/APF	
Oscilloscope	Tetronix	TDS5052B	
Photodiode	Finisar	XPDV 50 GHz	
DWDM	OptiWorks	DWFUQUMD08BN	
Power supply	Madell	CA18303D	