

DAZZLER REFERENCES FOR DIRECT SHAPING OF OPA:NOPA OUTPUTS

TECHNICAL FEATURES	T-WR-480-700	T-WR-530-900	HR-1150-1600	HR-1550-2700
Wavelength tuning range* (nm)	480-700	530-900	1150-1600	1550-2700
Maximum instantaneous spectral width (nm)	up to 10% of the wavelength	up to 10% of the wavelength	up to 450	up to 1150
Maximum input energy ² in μJ	20	20	20	20
Maximum beam diameter in mm	2,5	2,5	2,5	2,5
Repetition rate	up to 25 KHz	Up to 25 KHz	Up to 25 KHz	Up to 25 KHz
Spectral resolution (nm)	0.2 @ 500nm 0.4 @ 700nm	0.2 @ 500nm 0.4 @ 700nm 0.8 @ 900nm	0.6 @ 1150nm 0.8 @ 1300nm 1.2 @ 1600nm	0.6 @ 1150nm 0.9 @ 2000nm 1.5 @ 2700nm
Throughput efficiency (%)	40% over a 50nm spectral width	40% over a 50nm spectral width	50% over a 50nm spectral width	30% over a 100nm spectral width
			25% over a 100nm spectral width	20% over a 200nm spectral width
Maximum programmable delay (psec)	>9 @ 480nm	>8 @ 530nm	>6 @ 1150nm	>9 @ 1550
	>6 @ 700nm	>5 @ 900nm	>6 @ 1600nm	>9 @ 2700
Crystal length	25mm	25mm	25mm	45mm
Crystal module dimensions (mm ³)	50*90*20	50*90*20	50*100*20	50*100*20
Ideally suited for	NOPAs output with pulses down to 30 fsec	NOPAs output with pulses down to 30 fsec	OPA signal output with pulses down to 100 fsec	OPA idler output with pulses down to 100 fsec

² At maximum beam diameter.