

	Part Number	Dynamic Deflection Coefficient(max.)	Relative Table Motion(max.)(in.)	Deflection Under 250lb. Load(in.)	Price(as of 7/2006) USD
Research Grade					
Thorlabs	PTR12109	0.5×10^{-3}	4×10^{-9}	5.9×10^{-5}	\$5,266.60
Newport	RS4000-18-12	0.4×10^{-3}	$<3.0 \times 10^{-9}$	$<5.0 \times 10^{-5}$	\$5,611.00
Kinetic Systems	5212-4896	0.5×10^{-3}	$3.875 \times 10^{-9*}$	$<7.0 \times 10^{-5}$	WIP
TMC	784-655	$0.6 \times 10^{-3}\#$	$4.65 \times 10^{-9*}\#$	N/A	\$6,280.00
Laboratory Grade					
Thorlabs	PTQ12109	0.7×10^{-3}	5.5×10^{-9}	5.9×10^{-5}	\$4,632.50
Newport	RS2000-48-12	0.8×10^{-3}	$<8.0 \times 10^{-9}$	$<5.0 \times 10^{-5}$	\$4,423.00
Kinetic Systems	5112T-4896	0.6×10^{-3}	$4.65 \times 10^{-9*}$	$<7.0 \times 10^{-5}$	WIP
TMC	783-655	$1.1 \times 10^{-3}\#$	$8.525 \times 10^{-9*}\#$	N/A	\$5,545.00
Utility Grade					
Thorlabs	PTM12109	1.3×10^{-3}	10.5×10^{-9}	6.5×10^{-5}	\$3,687.30
Newport	RPR-48-12	$<2.0 \times 10^{-3}$	$<12.0 \times 10^{-9}$	$<5.0 \times 10^{-5}$	\$4,017.00
Kinetic Systems	5112H-4896	0.7×10^{-3}	$5.425 \times 10^{-9*}$	$<7.0 \times 10^{-5}$	WIP
TMC	781-655	$1.4 \times 10^{-3}\#$	$10.85 \times 10^{-9*}\#$	N/A	\$4,875.00
Economy Grade					
Thorlabs	PTM12109	1.3×10^{-3}	10.5×10^{-9}	6.5×10^{-5}	\$3,687.30
Newport	RT-48-12	2.8×10^{-3}	20×10^{-9}	9.0×10^{-5}	\$3,072.00
Kinetic Systems	5112-4896	0.9×10^{-3}	$6.975 \times 10^{-9*}$	$<9.5 \times 10^{-5}$	WIP
TMC	773-655	$1.4 \times 10^{-3}\#$	$10.85 \times 10^{-9*}\#$	N/A	\$5,195.00
		All data is based on a 4' x 8' x 12" Table	Based on PSD = $10^{-9} \text{ g}^2/\text{Hz}$ * = Recalculated using diff PSD # = Data taken from Kinetics Website, TMC does not provide these specs		