



He-Ne-Lasers (VIS)

Model	Wavelength	Power	Mode	Polarisation	Beam dia.	Divergence	Price
HN-0.5-543	0.543 μm	>0.5 mW	TEM ₀₀	1:1	0.6 mm	1.1 mrad	by request
HN-0.5-543P	0.543 μm	>0.5 mW	TEM ₀₀	500:1	0.7 mm	1.0 mrad	by request
HN-0.5-543M	0.543 μm	>0.5 mW	TEM _{mn}	1:1	1.6 mm	4.0 mrad	by request
HN-1-543	0.543 μm	>1.0 mW	TEM ₀₀	1:1	0.7 mm	1.0 mrad	by request
HN-1-543P	0.543 μm	>1.0 mW	TEM ₀₀	500:1	0.8 mm	0.8 mrad	by request
HN-2-543	0.543 μm	>2.0 mW	TEM ₀₀	1:1	0.8 mm	0.8 mrad	by request
HN-2-543M	0.543 μm	>2.0 mW	TEM _{mn}	1:1	2.6 mm	4.7 mrad	by request
HN-2-594P	0.594 μm	>2.0 mW	TEM ₀₀	500:1	0.7 mm	1.0 mrad	by request
HN-2-612P	0.612 μm	>2.0 mW	TEM ₀₀	500:1	0.7 mm	1.0 mrad	by request
HN-2-612	0.612 μm	>2.0 mW	TEM ₀₀	1:1	0.7 mm	1.0 mrad	by request
HN-0.5	0.6328 μm	>0.5 mW	TEM ₀₀	1:1	0.5 mm	2.0 mrad	777 €
HN-1	0.6328 μm	>1.0 mW	TEM ₀₀	1:1	0.5 mm	2.0 mrad	822 €
HN-2	0.6328 μm	>2.0 mW	TEM ₀₀	1:1	0.6 mm	1.5 mrad	890 €
HN-2P	0.6328 μm	>2.0 mW	TEM ₀₀	100:1	0.6 mm	1.9 mrad	890 €
HN-3	0.6328 μm	>3.0 mW	TEM ₀₀	1:1	0.6 mm	1.5 mrad	897 €
HN-3P	0.6328 μm	>3.0 mW	TEM ₀₀	100:1	0.6 mm	1.9 mrad	897 €
HN-5	0.6328 μm	>5.0 mW	TEM ₀₀	1:1	0.8 mm	1.2 mrad	990 €
HN-5P	0.6328 μm	>5.0 mW	TEM ₀₀	100:1	0.8 mm	1.2 mrad	990 €
HN-5M	0.6328 μm	>5.0 mW	TEM _{mn}	1:1	2.0 mm	3.8 mrad	990 €
HN-10M	0.6328 μm	>8.0 mW	TEM _{mn}	1:1	2.0 mm	4.3 mrad	1,290 €
LHN-223	0.6328 μm	>10.0 mW	TEM ₀₀	1:1	1.0 mm	1.3 mrad	by request
LHN-223-1	0.6328 μm	>10.0 mW	TEM ₀₀	100:1	1.0 mm	1.3 mrad	by request
HN-15	0.6328 μm	>15.0 mW	TEM ₀₀	1:1	1.5 mm	1.2 mrad	by request
HN-15-1	0.6328 μm	>15.0 mW	TEM ₀₀	100:1	1.5 mm	1.2 mrad	by request
LHN-115	0.6328 μm	>15.0 mW	TEM _{mn}	1:1	2.5 mm	3.0 mrad	by request
HN-25	0.6328 μm	>25.0 mW	TEM ₀₀	1:1	1.5 mm	1.2 mrad	by request
HN-25-1	0.6328 μm	>25.0 mW	TEM ₀₀	100:1	1.5 mm	1.2 mrad	3,960 €
LHN-118	0.6328 μm	>25.0 mW	TEM _{mn}	1:1	2.5 mm	3.0 mrad	by request
HN-40	0.6328 μm	>40.0 mW	TEM _{mn}	1:1	3.0 mm	2.5 mrad	by request
HN-50	0.6328 μm	>50.0 mW	TEM _{mn}	1:1	7.0 mm	3.0 mrad	by request
HN-50-1	0.6328 μm	>50.0 mW	TEM ₀₀	100:1	7.0 mm	3.0 mrad	11,312 €
HN-60	0.6328 μm	>60.0 mW	TEM _{mn}	1:1	7.0 mm	3.0 mrad	by request
HN-70	0.6328 μm	>70.0 mW	TEM _{mn}	1:1	7.0 mm	3.0 mrad	7,740 €
LHN-220	0.6328 μm	>70.0 mW	TEM ₀₀	500:1	2.5 mm	1.0 mrad	15,926 €
LHN-220M	0.6328 μm	>100.0 mW	TEM _{mn}	500:1	2.5 mm	1.5 mrad	15,926 €

Power supply included



He-Ne-Lasers (Stabilized)

Model	Wavelength	Power	Mode	Polarisation	Frequency difference	Beam dia. Divergence	Power instability/ Frequency stability	Price
LHN-212-1	0.6328 μm	>0.2 mW	TEM ₀₀ dual – frequency	two linear orthogonal components (s and p) with frequency difference	1.5-2.2 MHz between s and p components (possible modifications: 2.0-2.4MHz, 2.4-3.0MHz, 3.4-4.0MHz)	5-7 mm 0.5 mrad	2% over 8hours / 1×10^{-8}	by request
LHN-303	0.6328 μm	>1.0 mW	TEM ₀₀ single – frequency	100:1	-	0.8 mm 2.5 mrad	2% (over 8hours)/ 1×10^{-8}	7,144 €
LHN-220SF	0.6328 μm	>40 mW	TEM ₀₀ single – frequency	100:1	-	3.0 mm 2.5 mrad	2% (over 8hours)/ 1×10^{-8}	21,114 €

These lasers are produced usually with customized design. Specifications and costs can be discussed. Power supply included.



He-Ne-Lasers (IR)

Model	Wavelength	Power	Mode	Polarisation	Beam dia.	Divergence	Price
HNIK-1-1	1.15 μm	>3.0 mW	TEM _{mn}	1:1/100:1	1.5 mm	2.5 mrad	by request
HNIK-1-152	1.52 μm	>1.0 mW	TEM _{mn}	500:1	1.4 mm	1.4 mrad	by request
HNIK-3-2A	3.3912 μm	>4.0 mW	TEM _{mn}	100:1	3.0 mm	3.0 mrad	by request
HNIK-3-3A	3.3912 μm	>7.0 mW	TEM _{mn}	100:1	3.5 mm	3.5 mrad	by request
HNIK-3-4A	3.3912 μm	>10.0 mW	TEM _{mn}	100:1	4.5 mm	4.5 mrad	by request
HNIK-3-1	3.3922 μm	>3.0 mW	TEM _{mn}	1:1 / 100:1	2.5 mm	3.0 mrad	4,220 €
HNIK-3-2	3.3922 μm	>9.0 mW	TEM _{mn}	1:1 / 100:1	3.0 mm	3.0 mrad	by request
HNIK-3-3	3.3922 μm	>14.0 mW	TEM _{mn}	1:1 / 100:1	3.5 mm	3.5 mrad	by request
HNIK-3-4	3.3922 μm	>23.0 mW	TEM _{mn}	1:1 / 100:1	4.5 mm	4.5 mrad	by request
HNIK-3-K	3.5 μm	>10.0 mW	TEM _{mn}	100:1	2.5 mm	3.0 mrad	by request
HNIK-5	5.4 μm	>1.0 mW	TEM _{mn}	100:1	1.5 mm	5.0 mrad	6,251 €
Tunable LHN-118-2V	0.63 μm 1.15 μm	>15.0 mW >10.0 mW	TEM _{mn}	100:1	3.0 mm 3.5 mm	3.5 mrad 4.0 mrad	by request
Tunable LHN-118-3V	0.63 μm 1.15 μm 3.39 μm	>10.0 mW >5.0 mW >5.0 mW	TEM _{mn}	100:1	3.0 mm 3.5 mm 4.0 mm	3.5 mrad 4.0 mrad 4.0 mrad	by request

Power supply and protection eyewear are included