

Qualification	Specification
Wavelength	1.55 μm
Pulse repetition rate	10 kHz
Pulse width	100–400 ns
Pulse energy	150 μJ
Measurement range	80–4000 m (6000 m maximum)
Range resolution	15–60 m
Speed measurement uncertainty	$\leq 0.1 \text{ ms}^{-1}$
Radial velocity measurement range	$\pm 37.5 \text{ ms}^{-1}$
Power consumption	$< 300 \text{ W}$
weight	$\sim 75 \text{ kg}$
Telescope diameter	3 inches
Beam effective diameter	60 mm
Focal length	290 mm