



**An optical assembly consists of two or more optical components that work together to achieve a desired optical function.**

From doublets lenses and beamsplitter cubes, to objective lenses and borescopes, Knight Optical can offer an array of custom optical assembly solutions to our customers. Utilising the vast fabrication, coating, and housing manufacturing facilities at Torrent Photonics, our parent company, we are able to be the sole manufacturer for your optical assemblies.

## BENEFITS

- ITAR compliant
- Nitrogen purging capabilities
- Precision capabilities for separate optical components to assemble into mounts, housing, and adjustment mechanisms
- Class 1000/100 clean rooms, assembly cells, and sub-assembly cells

## TYPES

- Eyepiece and objective lenses
- Doublet & Triplet lenses
- High LDT beamsplitter cubes
- Reticule assemblies

## INDUSTRIES

- Machine vision
- Laser
- Space
- Medical

## APPLICATIONS

- Imaging systems
- Telescopes
- Cameras
- Laser systems



Contact our technical sales team to learn more about how our optical assemblies can meet your custom specifications.