

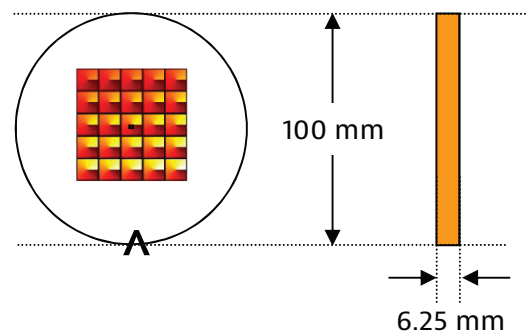
Brochure

# VIAVI VPP-1b

## Vortex Phase Plate

Properties	
Master	u9182E
Pattern dimension	~50 x 50
Vortex aperture	10 x 10 mm
Charge	1
Phase depth tolerance	±3% (typ.)
Material	Polymer replicated on glass substrate
Transmission spectrum	350-2000 nm
Temperature range	-150°C to 120°C
Defects	None

### Part Dimensions



Caret mark (^) on substrate points to pattern side and locates the bottom of the vortex pattern

### Wavelength Map for 2π Phase Depth

339	365	372	375	398
407	418	432	463	542
548	539		552	582
683	671	708	735	794
858	953	969	1193	1450



Pattern side up

Note on handling: As with any high-precision optical component, avoid touching the surface pattern and always use gloves when handling the phase plate.

### Vortex Geometry

