

LASER OPTICAL DENSITY CERTIFICATION

R, AB2

Supplier: Thorlabs Limited
Purchase Order Number: EO-396767
Part Number: F002
Requirements: EN 12254: 2010(E), Paragraph 5.3 Resistance to Laser Radiation, Table 2.
1400-10,600 nm Range.

Cert. Number: 60001
Date: September 18, 2018

TEST PARAMETERS

Coating Type: N/A
Test Wavelength: 10.6 μm
Polarization: Linear
Pulsewidth (Square): 100 ns
Spot Diameter (1/e): 1.043 mm
Test Prep: None
Quantity: 3

Substrate Mat'l: Fabric
Incidence Angle: 0°
PRF: 1 Hz
Transverse Mode: TEM₀₀
Axial Modes: Multiple
Number of Sites: 1
Exposure Duration: 1000 seconds

TEST RESULTS:

Sample

Measurement Level

34	Sample maintains AB2 during irradiation.
35	Sample maintains AB2 during irradiation.
36	Sample maintains AB2 during irradiation.

COMMENTS: Laser penetrated fabric at AB3.

Spica Technologies certifies that this sample has been exposed to the parameters described above. All test and calibration data are maintained on file. All instrument calibration is traceable to NIST.

Test conducted by _____


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