

## FINAL INSPECTION REPORT

### 2x2 Dual Window Coupler

Item #: TD1315R1A2  
SN: T145213

Center Wavelength: 1310 nm / 1550 nm  
Coupling Ratio Specification  
Signal Output: 98.4 % - 99.6 %  
Tap Output: 0.4% - 1.6%  
Bandwidth:  $\pm 40$  nm  
Maximum Optical Power<sup>a</sup>  
With Connectors or Bare Fiber: 1 W  
Spliced: 5 W  
Fiber Type: Corning SMF-28e+

Test Data <sup>b</sup>	1310 nm	1550 nm
Excess Loss <sup>c</sup>	0.02 dB	0.06 dB
Input-Output Path	White (Input) – White (Signal Output)	
Coupling Ratio <sup>d</sup>	99.0 %	99.0 %
Insertion Loss <sup>e</sup>	0.07 dB	0.11 dB
Input-Output Path	White (Input) – Red (Tap Output)	
Coupling Ratio <sup>d</sup>	1.0 %	1.0 %
Insertion Loss <sup>e</sup>	19.82 dB	19.87 dB

- a. Specifies the maximum power allowed through the component. Performance and reliability under high power conditions must be determined within the user's setup.
- b. All values are measured at room temperature without connectors through the white input port.
- c. Ratio of the input optical power to the total optical power from all output ports. It is measured at each wavelength.
- d. Does not include losses, as this is a measurement of the output power distribution only.
- e. Includes both the split of the power between the two outputs, as well as any optical losses in the coupler.

Verified by: \_\_\_\_\_