

## FINAL INSPECTION REPORT

### 1x4 PM Dual Window Splitter

Item #: TPQ1315HA  
SN: A013405

Center Wavelength: 1310 nm / 1550 nm  
Coupling Ratio Specification  
Tap Output: 24% - 26%  
Bandwidth:  $\pm 40$  nm  
Maximum Optical Power<sup>a</sup>  
With Connectors or Bare Fiber: 1 W  
Spliced: 5 W  
Fiber Type: Corning PR PM 15-U25D

| Test Data <sup>b</sup>      | 1310 nm                      | 1550 nm  |
|-----------------------------|------------------------------|----------|
| Input-Output Path           | White (Input) – Red (Port 1) |          |
| Coupling Ratio <sup>c</sup> | 25.1 %                       | 25.1 %   |
| Insertion Loss <sup>d</sup> | 7.45 dB                      | 6.30 dB  |
| PER                         | 22.4 dB                      | 26.0 dB  |
| Input-Output Path           | White (Input) – Red (Port 2) |          |
| Coupling Ratio <sup>c</sup> | 25.1 %                       | 25.3 %   |
| Insertion Loss <sup>d</sup> | 7.46 dB                      | 6.26 dB  |
| PER                         | 23.1 dB                      | 24.6 dB  |
| Input-Output Path           | White (Input) – Red (Port 3) |          |
| Coupling Ratio <sup>c</sup> | 24.9 %                       | 24.7 %   |
| Insertion Loss <sup>d</sup> | 7.49 dB                      | 6.37 dB  |
| PER                         | 24.80 dB                     | 27.39 dB |
| Input-Output Path           | White (Input) – Red (Port 4) |          |
| Coupling Ratio <sup>c</sup> | 24.9 %                       | 24.9 %   |
| Insertion Loss <sup>d</sup> | 7.49 dB                      | 6.33 dB  |
| PER                         | 21.1 dB                      | 24.2 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 with a slow axis launch at room temperature with connectors, using the white port as the input.

c. Does not include losses, as this is a measurement of the output power distribution only.

d. Includes both the split of the power between the outputs, as well as any optical losses in the splitter.

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