

FINAL INSPECTION REPORT

1x8 Dual Window Splitter

Item #: TDE1315HF
SN: A007868

Center Wavelength: 1310 nm / 1550 nm
Coupling Ratio Specification
Tap Output: 11.5% - 13.5%
Bandwidth: ± 40 nm
Maximum Optical Power^a
With Connectors or Bare Fiber: 300 mW
Spliced: 0.5 W
Fiber Type: Corning SMF-28 ULTRA

Test Data ^b	1310 nm	1550 nm
Input-Output Path	White (Input) – Red (Port 1)	
Coupling Ratio ^c	12.4%	13.2%
Insertion Loss ^d	9.89 dB	9.84 dB
Input-Output Path	White (Input) – Red (Port 2)	
Coupling Ratio ^c	12.2%	12.2%
Insertion Loss ^d	9.97 dB	10.20 dB
Input-Output Path	White (Input) – Red (Port 3)	
Coupling Ratio ^c	12.2%	13.0%
Insertion Loss ^d	9.95 dB	9.92 dB
Input-Output Path	White (Input) – Red (Port 4)	
Coupling Ratio ^c	12.4%	12.2%
Insertion Loss ^d	9.90 dB	10.20 dB
Input-Output Path	White (Input) – Red (Port 5)	
Coupling Ratio ^c	12.9%	13.0%
Insertion Loss ^d	9.73 dB	9.93 dB
Input-Output Path	White (Input) – Red (Port 6)	
Coupling Ratio ^c	12.7%	12.2%
Insertion Loss ^d	9.81 dB	10.20 dB
Input-Output Path	White (Input) – Red (Port 7)	
Coupling Ratio ^c	12.3%	13.0%
Insertion Loss ^d	9.92 dB	9.91 dB
Input-Output Path	White (Input) – Red (Port 8)	
Coupling Ratio ^c	12.6%	12.2%
Insertion Loss ^d	9.84 dB	10.20 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 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: _____