

FINAL INSPECTION REPORT

1x8 PM Dual Window Splitter

Item #: TPE1315HA
SN: A013194

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: 1 W
Spliced: 5 W
Fiber Type: Corning PR PM 15-U25D

Test Data ^b	1310 nm	1550 nm
Input-Output Path	White (Input) – Red (Port 1)	
Coupling Ratio ^c	12.5 %	12.6 %
Insertion Loss ^d	10.31 dB	9.50 dB
PER	23.7 dB	25.0 dB
Input-Output Path	White (Input) – Red (Port 2)	
Coupling Ratio ^c	12.5 %	12.4 %
Insertion Loss ^d	10.31 dB	9.60 dB
PER	24.5 dB	22.0 dB
Input-Output Path	White (Input) – Red (Port 3)	
Coupling Ratio ^c	12.7 %	12.6 %
Insertion Loss ^d	10.24 dB	9.50 dB
PER	22.47 dB	24.00 dB
Input-Output Path	White (Input) – Red (Port 4)	
Coupling Ratio ^c	12.4 %	12.6 %
Insertion Loss ^d	10.33 dB	9.50 dB
PER	22.7 dB	26.0 dB
Input-Output Path	White (Input) – Red (Port 5)	
Coupling Ratio ^c	12.6 %	12.6 %
Insertion Loss ^d	10.26 dB	9.50 dB
PER	25.7 dB	28.0 dB
Input-Output Path	White (Input) – Red (Port 6)	
Coupling Ratio ^c	12.5 %	12.4 %
Insertion Loss ^d	10.30 dB	9.60 dB
PER	23.5 dB	29.0 dB
Input-Output Path	White (Input) – Red (Port 7)	
Coupling Ratio ^c	12.5 %	12.4 %
Insertion Loss ^d	10.30 dB	9.60 dB
PER	22.6 dB	24.0 dB
Input-Output Path	White (Input) – Red (Port 8)	
Coupling Ratio ^c	12.3 %	12.4 %
Insertion Loss ^d	10.38 dB	9.60 dB
PER	24.9 dB	22.0 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: _____