

FINAL INSPECTION REPORT
2x2 400 µm Core 50:50 Multimode Coupler

Item #: TM400R5F2B
 SN: T140733

Bandwidth: 800 - 1600 nm
 Coupling Ratio Specification
 Signal Output: 45 % - 55 %
 Tap Output: 45 % - 55 %
 Maximum Optical Power^a
 With Connectors or Bare Fiber: 5 W
 Spliced: 10 W
 Fiber Type: Nufem MM-S400/440-22A

Test Data ^b	
Excess Loss ^c	≤ 0.7 dB
Input-Output Path	White (Input) - White (Signal Output)
Coupling Ratio ^d	52.5 %
Insertion Loss ^e	3.47 dB
Input-Output Path	White (Input) - Red (Tap Output)
Coupling Ratio ^d	47.5 %
Insertion Loss ^e	3.9 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 at 650 nm 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 the specified 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: _____