

FINAL INSPECTION REPORT
1x2 50:50 GRIN Multimode Coupler

Item #: TG50R5B1A
SN: T109259

Operating Wavelengths: 850/1310 nm
Coupling Ratio Specification
Signal Output: 45 % - 55 %
Tap Output: 45 % - 55 %
Fiber Type: GIF50E (OM4)

Test Data ^a	
Wavelength	1064 nm
Excess Loss ^b	≤ 0.6 dB (typical)
Input-Output Path	White (Input) – White (Signal Output)
Coupling Ratio ^c	49.9 %
Insertion Loss ^d	3.35 dB
Input-Output Path	White (Input) – Red (Tap Output)
Coupling Ratio ^c	50.1 %
Insertion Loss ^d	3.33 dB

- a. All values are measured at room temperature without connectors through the white input port.
b. Ratio of the input optical power to the total optical power from all output ports. It is measured at the specified wavelength.
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 two outputs, as well as any optical losses in the coupler.

Verified by: _____