FINAL INSPECTION REPORT

1x2 75:25 GRIN Multimode Coupler

Item #: TG625R3B1
SN: T021679

Operating Wavelengths: 810 - 890 nm, 1270 - 1350 nm
Coupling Ratio Specification
Signal Output: 72 % - 78 %
Tap Output: 22 % - 28 %
Maximum Optical Power[a]
With Connectors or Bare Fiber: 3 W
Spliced: 6 W
Fiber Type: Thorlabs GIF625-100

Test Data[b]	
Wavelength	850 nm
Excess Loss[c]	≤ 0.6 dB
Input-Output Path	White (Input) – White (Signal Output)
Coupling Ratio[d]	76.3 %
Insertion Loss[e]	1.35 dB
Input-Output Path	White (Input) – Red (Tap Output)
Coupling Ratio[d]	23.7 %
Insertion Loss[e]	6.43 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 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: _____