

Wide Band OCT Coupler

1050 +/-50nm

BROADRAY TECH

1290 Oakmead Pkwy 230

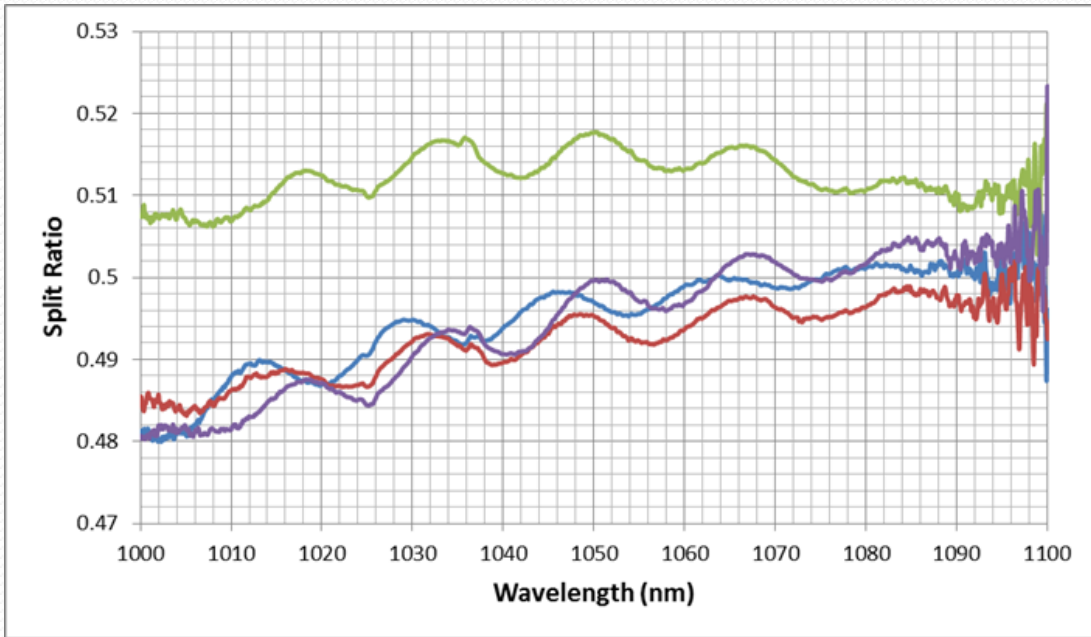
Sunnyvale CA 94085 USA

Info@broadraytech.com

Features	Applications
Based on Thin Film Filter technology Wideband and extremely stable	Used for Optical Coherent Tomography (OCT) systems where a broad spectral range with minimal spectral dependency is essential.
Optical Parameters	Specifications
Bandwidth (nm)	1050 ± 50nm
Coupling Ratio	50/50 ± 3 (%) (Any other ratios are available)
Extra Loss (dB)	1.0 without connectors 1.6 with connectors (FC/APC)
Polarization Dependent Loss (dB)	≤0.2
Directivity (dB)	≥55
Mechanical	
Dimension (mm)	5.5x6.5x 50mm Protection Rubber Boot 12.5mm
Fiber/Connector	900 um buffered Corning Hi-1060 fiber, FC/APC (other connectors available)
Environmental	
Operating Temperature Range (°C)	0 to 70
Storage Temperature (°C)	-40 to 85



Typical Splitting Spectra



NOTE: The noise around 1000 and 1100nm is caused by the laser source we have.

