

# NoTail™ Drop-In Coupler & WDM



These connectorized couplers and WDMs are free of fiber pigtailed and ready to be inserted in optical systems without the headaches of tinkering with fragile and messy fiber pigtailed. Another main feature of these devices is their short optical path delay (~30 cm) between the input and the output, desirable in many systems where the optical path balance is important, such as interferometric systems, ultra-short pulse systems, and fiber laser systems. Additionally, these devices have four strong magnets mounted on the back for temporary and yet secure placement on standard optical tables.

## Preliminary Specifications

Operating wavelengths (nm)	1310, 1550	1310/1550
Operation bandwidths	+/- 10 or 50 nm (specify)	+/- 20 nm
Wavelength isolation (dB)	N/A	16 dB Min.
Excess loss (typical/max.)	Intrinsic	0.1/0.3 dB
	With connectors	add 0.5 dB total for 2 connectors
Return loss (directivity)	Intrinsic	1x2: >55 dB, 2x2: >65 dB
	With connectors	PC: >45 dB, APC: intrinsic value
Polarization sensitivity (dB)	+/- 0.1 dB max.	+/- 0.1 dB max.
Thermal stability	0.1 dB typical	0.1 dB typical
Operating temperature	-40 °C – 85 °C	-40 °C – 85 °C
Storage temperature	-40 °C – 85 °C	-40 °C – 85 °C
Port configuration	1 x 2 or 2 x 2	1 x 2 or 2 x 2
Package dimension	3.5" (L) x 1.5" (W) x 5/8" (H)	

## Unique Features

- Short optical path delay
- Compact
- Rugged
- Easy to insert into fiber
- Optical systems
- Low excess loss
- Temperature stable
- Environmentally stable

## Ordering Information:

