

## Ultra Low PDL Coupler

Operating Wavelength	1530nm to 1565nm
Excess Loss	0.1dB max.
Main Port PDL	0.03dB max.
Tap Port PDL	0.05dB max.
WDL	0.1dB max.
Size	3mm Diameter X 54mm Length
Fiber	SMF-28 (250 $\mu$ m coating)

## 1480/1550nm WDM

Operating Wavelength	1475nm to 1485nm 1545nm to 1555nm
Insertion Loss	0.4dB max.
Isolation	13dB min.
PDL	0.1dB max.
Size	3mm Diameter X 54mm Length
Fiber	SMF-28 (250 $\mu$ m coating)

## Narrow Band WDM

(Preliminary)

Channel Spacing	10nm.... 30nm etc.
Operating Wavelength	1420nm to 1620nm
Insertion Loss	0.15dB max. @ central wavelength
Isolation	15dB min. @ central wavelength
PDL	0.1dB max. @ central wavelength
Size	TBD
Fiber	SMF-28 (250 $\mu$ m coating)

## PMF/SMF TAP Coupler

(Preliminary)

Operating Wavelength	1530nm to 1565nm
Excess Loss	0.5dB Typical
Extinction Ratio	25dB Typical
Size	3mm Diameter X 54mm Length
Main Port Fiber	Fujikura PM (400 $\mu$ m coating)
Tap Port Fiber	SMF-28 (250 $\mu$ m coating)

## Miniature TAP Coupler using 80 $\mu$ m Cladding Fiber

(Preliminary)

Operating Wavelength	1530nm to 1565nm
Excess Loss	0.1dB Typical
PDL	0.1dB Typical
Size	3mm Diameter X 30mm Length
Fiber	80 $\mu$ m Cladding Fiber (160 $\mu$ m coating)

