

OPTICAL COUPLERS

Ultra Low PDL Coupler

| Parameter | Specification |
|----------------------|------------------|
| 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. |

1480/1550nm WDM

| Parameter | Specification |
|----------------------|------------------------------------|
| Operating Wavelength | 1475nm to 1485nm, 1545nm to 1555nm |
| Insertion Loss | 0.4dB max. |
| Isolation | 13dB min. |
| PDL | 0.1dB max. |

Narrow Band WDM

| Parameter | Specification |
|----------------------|---------------------------------|
| Channel Spacing | 10nm ,30nm.....etc |
| Operating Wavelength | 1420nm to 1620nm |
| Insertion Loss | 0.15dB max. @central wavelength |
| Isolation | 15dB max. @central wavelength |
| PDL | 0.1dB max. @central wavelength |

Preliminary

PMF/SMF TAP Coupler

| Parameter | Specification |
|----------------------|------------------|
| Operating Wavelength | 1530nm to 1565nm |
| Excess Loss | 0.8dB Typical |
| Extinction Ratio | 25dB Typical |

Preliminary

Miniature TAP Coupler using 80 μ m Cladding Fiber

| Parameter | Specification |
|----------------------|----------------------------|
| Operating Wavelength | 1530nm to 1565nm |
| Excess Loss | 0.1dB Typical |
| PDL | 0.1dB Typical |
| Size | 3mm Diameter X 30mm Length |

Preliminary