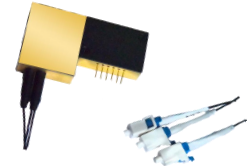


0804 Delay Line Interferometer

DL2000



Fixed 50 Ghz DPSK Demodulator

| | | |
|-------------------------------|----------------------|------------------|
| Extinction Ratio (Port 1) | 18 dB min. | |
| Extinction Ratio (Port 2) | 18 dB min. | |
| Optical Path Mismatch | ±1 ps | |
| FSR | 49.5 GHz to 50.5 GHz | |
| FSR Accuracy | ±1% | |
| PDFS (Port 1) | 1% | |
| PDFS (Port 2) | 1% | |
| TDL (Port 1) @ -5°C to +75°C | 0.5 dB | |
| TDL (Port 2) @ -5°C to +75°C | 0.5 dB | |
| TDFS@0 V @ -5°C to +75°C | ±0.5 GHz/°C | |
| PDL (Port 1) | 0.2 dB max. | |
| PDL (Port 2) | 0.2 dB max. | |
| Optical Return Loss | 40 dB min. | |
| Insertion Loss (Port 1) | 2.2 dB max. | |
| Insertion Loss (Port 2) | 2.2 dB max. | |
| Thermal Tuning Time Constant | 1 s max. | |
| Thermal Tuning Range @ 4.75 V | 25°C | 1.5 FSR to 3 FSR |
| | 75°C | 1.5 FSR to 3 FSR |
| Fiber Type | SMF-28 | |

Order notes to our customers: The default parameters are as follows. For special needs, please contact sales.
1) Connector FC/APC, 900 um, 1 m by default for all devices except for high power devices.
2) Slow axis working, fast axis blocked, connector key is aligned to slow axis by default for PM devices.