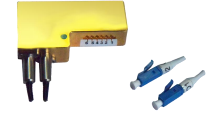


0804 Delay Line Interferometer

DL3000



DPSK C-band Dual Demodulator 50/66.67 GHz C-band Dual-Rated Tunable

Wavelength Range (C-band)	1527 nm to 1567 nm
Free Spectral Range	50/66.67 GHz
FSR Error	1% max.
IL (Including Two Connectors)	2.2 dB max.
IL Difference (between The Two Receiving Ports)	0.7 dB max.
Extinction Ratio	18 dB min.
PDL	0.2 dB max.
Return Loss	40 dB min.
PDFS	3 deg max.
TDFS	50 GHz: ± 0.5 GHz/ $^{\circ}$ C max.; 66.67 GHz: ± 0.66 GHz/ $^{\circ}$ C max.
Optical Path Delay (between The Two Receiving Ports)	1.0 ps max.
Mode Switching Voltage	± 6 V max.
Thermal Tuning Time Constant	1.0 sec max.
Thermal Tuning Range @ 4.75 V	50 GHz: 82.5 GHz min.; 66.67 GHz: 110 GHz min.
Net Thermal Tuning Range	50 GHz: 65 GHz min.; 66.67 GHz: 85 GHz min.
Thermal Tuning Time Constant with An Accuracy of 0.1 s max.	1.0 sec max.
TDL Output	0.5 dB max.
Tuning Heater Resistance	37.5 \pm 1.5 Ohm
Height of 5 Corners	12.60 mm to 12.75 mm max.
Post ESS Test IL Change	0.3 dB max.

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.