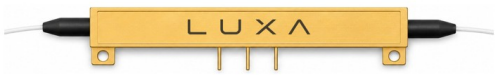
300 MHz Lithium Niobate Phase Modulator

Modulators

This lithium niobate device phase-modulates light in response to an applied electrical signal. Specify the working wavelength and optical input power for the selected configuration.



Technical specifications

Operating wavelength (nm)	1310 / 1550
Insertion loss (dB)	≤4.5
Maximum optical input power (mW)	100 (APE) / 50 (Ti)
Polarization extinction ratio (dB)	≤-30 (APE) / ≤-20 (Ti)
Optical return loss (dB)	≥45
Residual amplitude modulation	≤0.2%
Half-wave voltage (V)	≤4 (1310 nm)/ ≤5 (1550 nm)
Electrode type	Push-pull