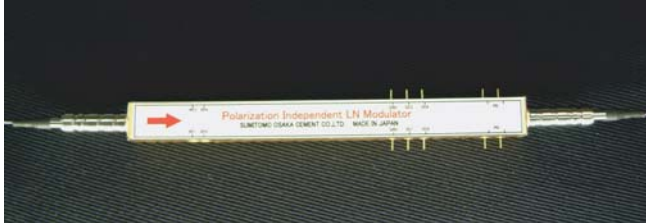
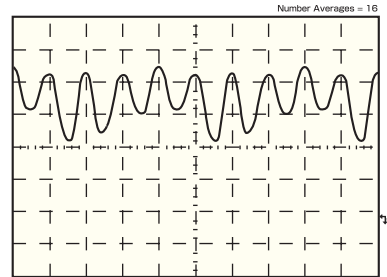


40Gb/s Polarization Independent LiNbO₃ Modulator

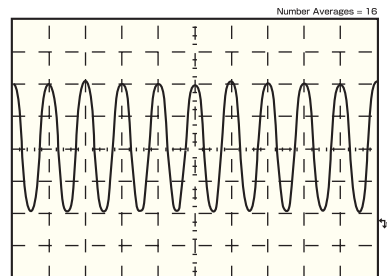
T.PIDH1.5-40-ADC-R



Parameter	Specification
Operating Wavelength	1530nm±15nm
Insertion Loss	≤8.0dB
ON/OFF Extinction Ratio	≥20dB@DC
PDL	≤0.5dB
PMD	≤0.2ps
Optical Bandwidth	≥25GHz
Drive Voltage	≤8.0Vp-p@1GHz
Dimensions (unit:mm)	125L×12W×10H



Polarization dependent operation (single MZI operation)



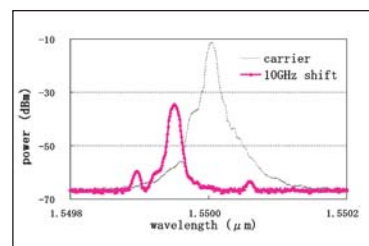
Polarization independent operation
Fig. Output signal at 10GHz driving

10Gb/s SSB-SC LiNbO₃ Modulator

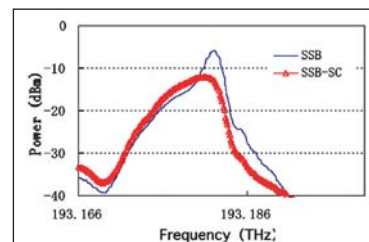
T.SBX1.5-10-ADC



Parameter	Specification
Operating Wavelength	1550nm
Insertion Loss	≤7.0dB
Optical Band width	> 10GHz
Carrier Suppression	≥30dB
Dimensions (unit:mm)	130L×15W×10H



10GHz frequency shift



An SSB modulation of 12Gbps data