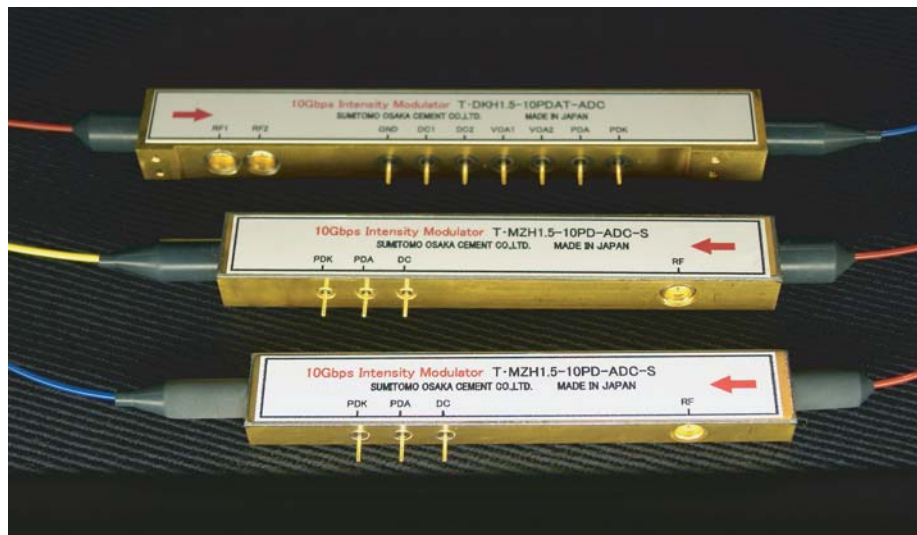


# 10Gb/s LiNbO<sub>3</sub> Modulator for Transponder Module

T.MZH1.5-10PD-ADC-S (Z-Cut Single Drive)

T.MXH1.5-10PD-ADC-S (X-Cut Single Drive)

T.DKH1.5-10PD-ADC-S (Z-Cut Dual Drive)



Parameter	Specification
Operating Wavelength	1530-1620nm
Insertion Loss	≤6.0dB
Drive Voltage	≤4.0Vp-p@10Gb/s (Z-Cut single drive) ≤5.2Vp-p@10Gb/s (X-Cut single drive) ≤4.8Vp-p@10Gb/s (dual drive model)*
Optical Bandwidth	≥8GHz
ON/OFF Extinction Ratio	≥20dB@DC
Monitor PD Sensitivity	≥0.04A/W
Monitor PD Tracking	≤1dB
Dimension (unit:mm)	70L×10W×7H or 65L×10W×5H

\* Measured by driving one electrode only