

# For LH/ULH RZ Transmission

## 10Gb/s Integrated RZ Data Modulator

### T.MMXH1.5-10PD-R



#### Parameter

Operating Wavelength  
 Insertion Loss  
 ON/OFF Extinction Ratio  
 Monitor PD Sensitivity  
 Monitor PD Tracking

Optical Bandwidth  
 Drive Voltage

$\alpha$  Parameter

#### Specification

$1550 \pm 20\text{nm}$   
 $\leq 7.0\text{dB}$   
 $\geq 20\text{dB@DC}$   
 $\geq 0.02\text{A/W}$   
 $\leq 1\text{dB}$

#### RZ Part

-  
 $\leq 6.0\text{Vp-p}$   
 @5GHz  
 $\leq 0.2$

#### NRZ Part

$\geq 9\text{GHz}$   
 $\leq 7.0\text{Vp-p}$   
 @10Gb/s  
 $\leq 0.2$

# 10Gb/s PM Integrated Modulator

## T.MPXH1.5-10PD-R



#### Parameter

Operating Wavelength  
 Insertion Loss  
 ON/OFF Extinction Ratio  
 Monitor PD Sensitivity  
 Monitor PD Tracking

Optical Bandwidth  
 Drive Voltage

$\alpha$  Parameter

#### Specification

$1550 \pm 20\text{nm}$   
 $\leq 6.5\text{dB}$   
 $\geq 20\text{dB@DC}$   
 $\geq 0.02\text{A/W}$   
 $\leq 1\text{dB}$

#### IM Part

$\geq 8\text{GHz}$   
 $\leq 6.5\text{Vp-p}$   
 @5GHz  
 $\leq 0.2$

#### PM Part

-  
 $\leq 10.5\text{Vp-p}$   
 @10GHz  
 -