

Pulse Carver LN Modulator

General Description

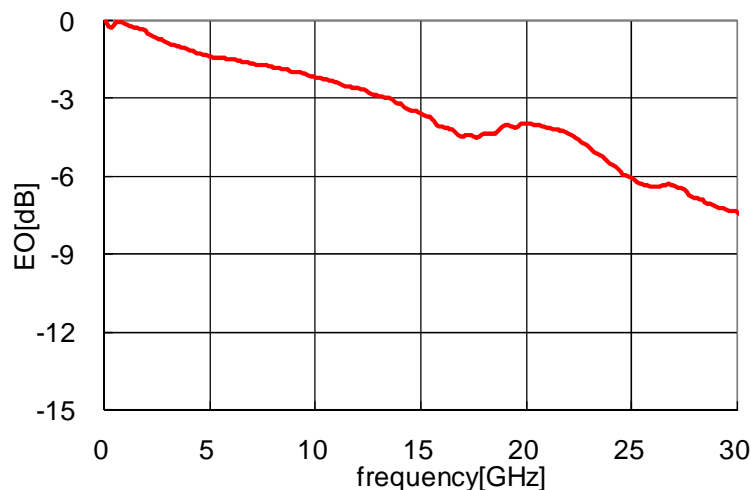
- Mach-Zehnder Modulator for RZ pulse carver
- Low insertion loss
- Separated DC bias ports
- Built-in a monitor PD for auto bias control
- RoHS compliant
- Applications:
 - RZ-DQPSK or CS-RZ-DQPSK optical transmission
- Low Driving voltage @ 22GHz : $\leq 8V$



Specifications

Part Number		FTM7920FCA	FTM7920FSA
Optical Bandwidth (-3dB relative to 130MHz)		≥ 10 GHz	
Driving Voltage	@ 12.5Gbps	$\leq 5V$	
	@ 22GHz	$\leq 8V$	
Insertion Loss, C-Band		≤ 4.0 dB	≤ 5.0 dB
Operating Case Temperature		-5 to 75 °C	
Package Size (L x W x H)		60 x 11.4 x 4.9mm 2.36 x 0.45 x 0.19 inches	42 x 8.5 x 4.9mm 1.65 x 0.33 x 0.19 inches

RF performance



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Specifications are subject to change without prior notice.