

**1550nm low power fiber optic acousto-optic modulator series :**

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**product name:**

Low power fiber optic acousto-optic modulator

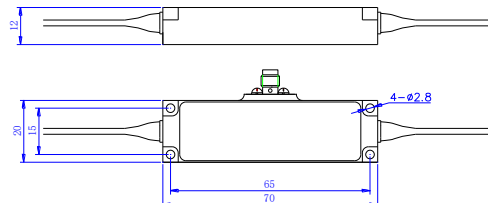
**product description:**

The acousto-optic modulator uses the principle of acousto-optic interaction to control the laser  
A class of products that perform intensity modulation and frequency shifting.

**Main Specifications:**

parameter	unit	OC TF40-1550-1PFH(L)	OC TF80-1550-1FH(L)	OC TF160-1550-1FH(L)
Working wavelength	nm	1530-1570		
working frequency	MHz	40	80	160
3dB frequency shift bandwidth	MHz	>4	>8	>10
Insertion loss	dB	<3	<3	<3
Rise Time	ns	<70	<40	<40
polarization extinction ratio	dB	>20	-	
polarization dependent loss	dB	-	<0.5	
fiber type		PM1550	SMF28e	
Extinction Ratio	dB	≥50		
Withstand laser power	W	≤0.1		
Driving power	W	≤0.3		
Fiber optic connector	-	FC/APC		
Pigtail length	m	≥1		
RF connector	-	SMA female		
input resistance	Ω	50		
Package form	-	FH		

**Package Specifications:**



**FH**