



Key Features

- Up to 15 μ sec single delay line
- DC Supply
- Compact Ruggedized enclosure
- Low cost Solution
- Suitable for L, S, C, X, Ku bands

Specifications

Parameter	Specification	Specification	Unit	Note
RF and Electrical				
Frequency bands	Up to 6 GHz	Up to 18 GHz	GHz	
Modulation	Direct	Indirect		
Gain	>0	-30		Not including fiber loss
Delay Lines	<15	<15	μ sec	
Delay Accuracy	1%	1%	%	Max accuracy is \pm 50 nsec
Delay Repeatability	0.1%	0.1%	%	
1dB compression point	\sim -0	15	dBm	
Min input RF	-70	-70	dBm	
Max input RF power	10	20	dBm	No damage
Noise Figure at 2.5GHz	<30	<40	dB	
RF Flatness for all bands	< \pm 2.5	< \pm 3.0		Without amplifier
Minimum Input Return	10	10	-	
Impedance	50	50	Ohm	
Mechanical,				
1310 nm laser optical	<5	<20	mW	For indirect laser is 1550nm
RF connectors	SMA	SMA	-	
Main AC supply	5	5	VDC	
Enclosure	226*160*72	226*160*72	mm	
Operating Temperature	0 -60	0-60	$^{\circ}$ C	
Storage Temperature	-40-85	-40-85	$^{\circ}$ C	