Delay Line-VariDelay

Features

Space Efficient
Highest delay to length ratio
Long delay: more than 15000ps
Free space model available
Rugged design

Applications

Passive time division multiplexing
TDM bit alignment
Fiber interferometers

Specifications

Parameter	Value
Wavelength Range	C-Band or L-Band OR Other Wavelength
Optical Delay Range	0~100 ps continuous for 100ps model
	0~330 ps continuous for 330ps model
	0~600 ps continuous for 600ps model
	0~1500ps continuous for 1500ps model
Readout Scale Resolution	0.1ps
Insertion Loss	typ.0.8dB,max 1.2dB
Insertion Loss Variation	±0.25dB over entire range for 100ps model
	±0.35 dB over entire range for 330ps model
	±0.55 dB over entire range for 600ps model
	±1.5 dB over entire range for 1500ps model
Return Loss	> 55 dB
Extinction Ratio	>18 dB
Operating power (optical)	max 500mW
Optical Power Handling	0~50℃
Operating Temperature	-40~65℃
Fiber Type	Conning SMF-28,or Fujikura PM Panda fiber
Size (L x W x H)	69.5 x 32X34mm for 100ps model
	104.5 x 32X34mm for 330ps model
	145x 32X34mm for 600ps model
	282 x 32X34mm for 15000ps model

(Values are referenced Without connectors)

Ordering Information

COF	Delay	Fiber Type	Fiber Length	Connector
	10=100ps 33=330ps 60=600ps 150=15000ps XX=others	S9=SMF 900um M5=MMF 50/125/900um M6=MMF 62.5/125/900um PM= PM Panda XX=others	1=1.0m 2=2.0m	NE=None FA=FC/APC FC=FC/PC SA=SC/APC SC=SC/PC ST=ST/PC LA=LC/APC

Typical Performance Data:

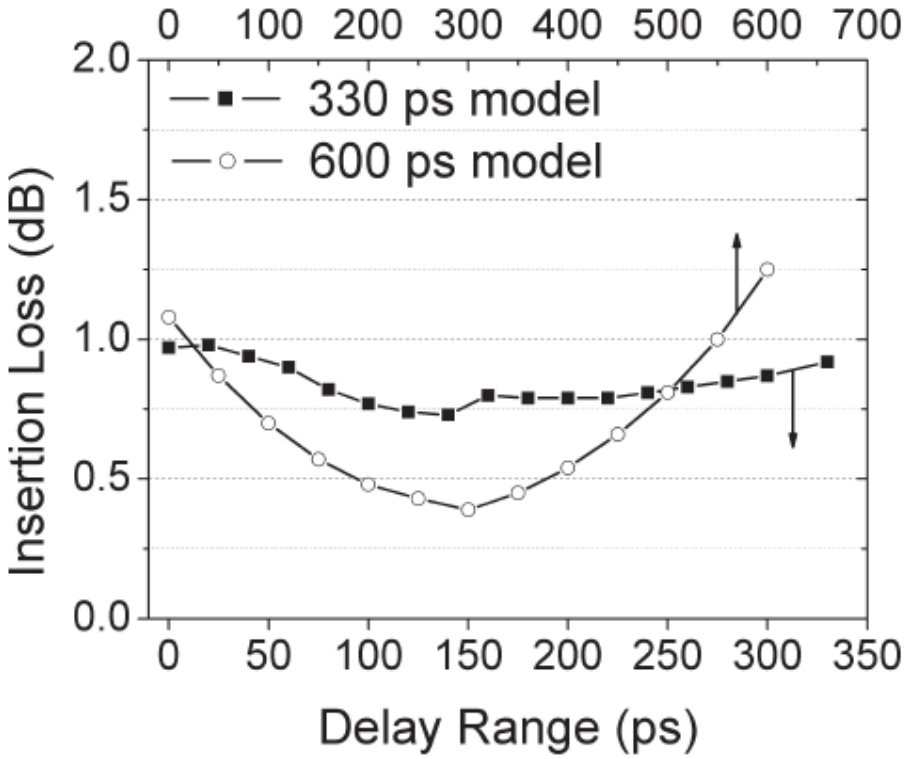

Figure 1. Insertion loss vs. optical delay.