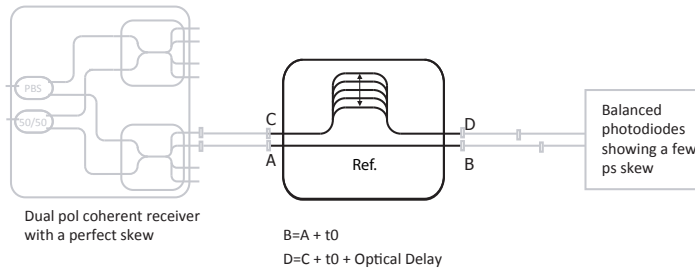


The Variable Optical Delay Line gives control to the light delay within **relative accuracy of 150 fs**.

Associated with an arm delay (in option), the device enables to catch up an initial delay up to **600 ps** (see drawing below).



VODL is available at **different wavelength ranges** (1064 nm, 1310 nm, 808 nm...)

parameter	unit	VODL specifications			
		SM-300	SM-600	PM-300	PM-600
Fibre Type		SM		PM	
Insertion loss	dB	< 1.0		< 1.5	
Polarization dependent loss	dB	< 0.3		NA	
Polarization extinction ratio	dB	NA		> 19	
Operating central wavelength	nm	400 to 2000			
Return loss	dB	> 35			
Maximum optical power	mW	300			
Optical delay range	ps	0 to 300	0 to 600	0 to 300	0 to 600
Absolute accuracy (for reference option only)	M : manual P : piloted	ps 0.25 0.80			
Relative accuracy	M : manual P : piloted	0.15 0.40	0.30 0.80	0.15 0.40	0.30 0.80
Sensitivity	M : manual P : piloted	0.03 0.005	0.06 0.01	0.03 0.005	0.06 0.01
Operating temperature range	M : manual P : piloted	°C 0 to 70 10 to 35			
Dimensions	M : manual P : piloted	mm 216 x 92 x 40			

ordering information

