

TOF Report, 16 Nov 2006

At long last I measured the temperature coefficient of signal delay in ribbon cable.

The result is 0.22 ± 0.03 (systematic) $\%/^{\circ}\text{C}$.

The TOF delay cables are about 200ns.

Thus the effect of a 5°C temperature swing on the delay cables easily explains the roughly 2ns swing we observe in the TOF measurements.