

Q	10km	20km	30km	40km
Q/dB	39,99	34,40	29,65	24,27

How much ϕ

20dB Jitter: 0,000997593 ns

$$\underline{\underline{0,99 = 1 \text{ ps}}}$$

Bit Slot 0,1 ns = 100 ps \rightarrow 1% jitter

the loss value of the fiber is

$$\underline{\underline{0,23538}}$$

Comparison plot. Q über FWHM

Exercise C:

FWHM optisch Q-Tau dB	Q	25	50	75	100
	40	33,8	31,7	30,2	29,9