NETWERKCONCEPT FTTH

		0,24 dB	fiber attenuation p/km
RC/Headend Optical transmitter externally modulated			OMI = 4,6 % C/N = 62,3 dB
EDFA 1	min : max: uit:	1x 13 dBm 8x 13 dBm 13 dBm	C/N = 60,3 dB
Fiber length		22 km	C/N = 67,8 dB
LC/DC EDFA 2	in: min : max: uit:	0 dBm 1x 13 dBm 8x 13 dBm 13 dBm	C/N = 55,1 dB
Fiber length		14 km	C/N = 71,2 dB
Wijkcentrum Optische splitter 1:4		-8 dB	max. 512 subscribers per EDFA
EDFA 3	in: uit:	1,1 dBm 8x 13 dBm 13 dBm	C/N = 56,0 dB
Optical splitter 1:64		-22 dB	worst case incl. all connectors
Fiber length	max:	4,2 km	C/N = 82,1 dB
Subscriber Optical receiver	min:	-10 dBm	C/N = 46,5 dB
RF output		60 dBµV	**C/N = 45,2 dB**