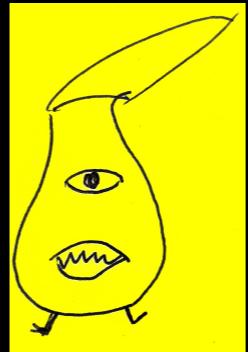


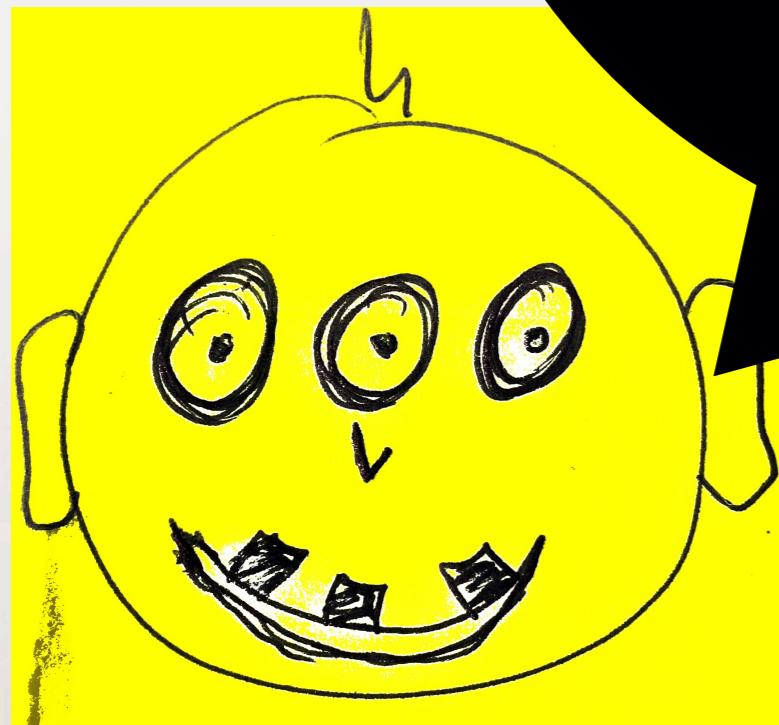
don't get
confused with
this transceiver
generation

400G

from cyclops
to



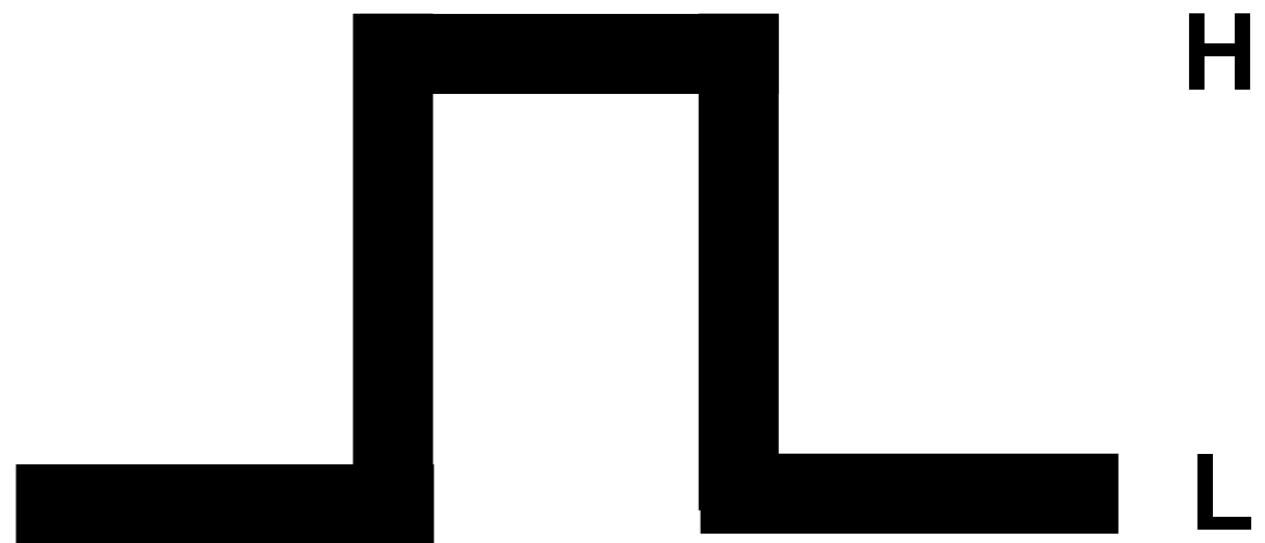
treyclops



400G



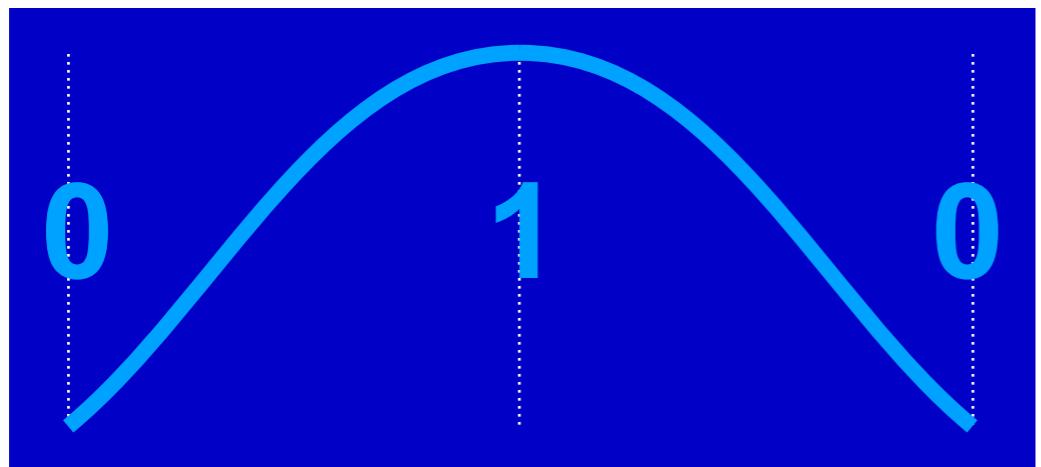
theory



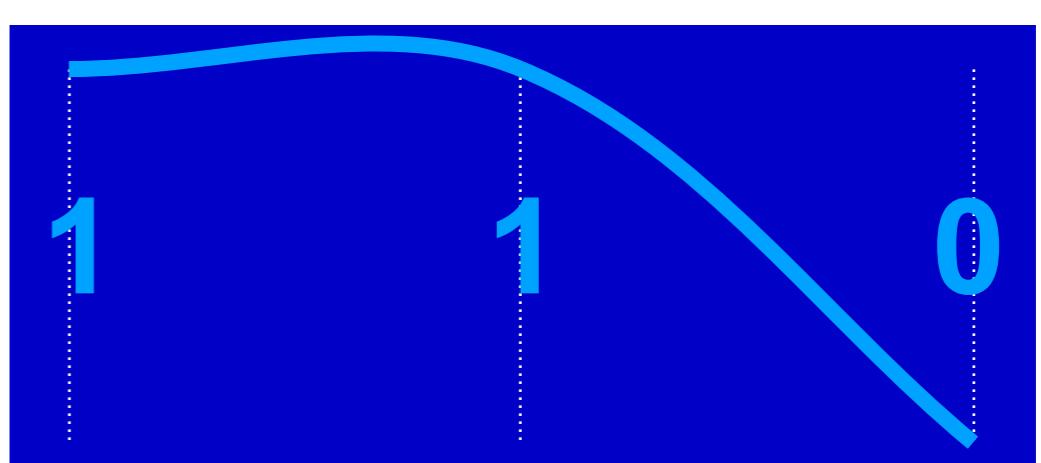
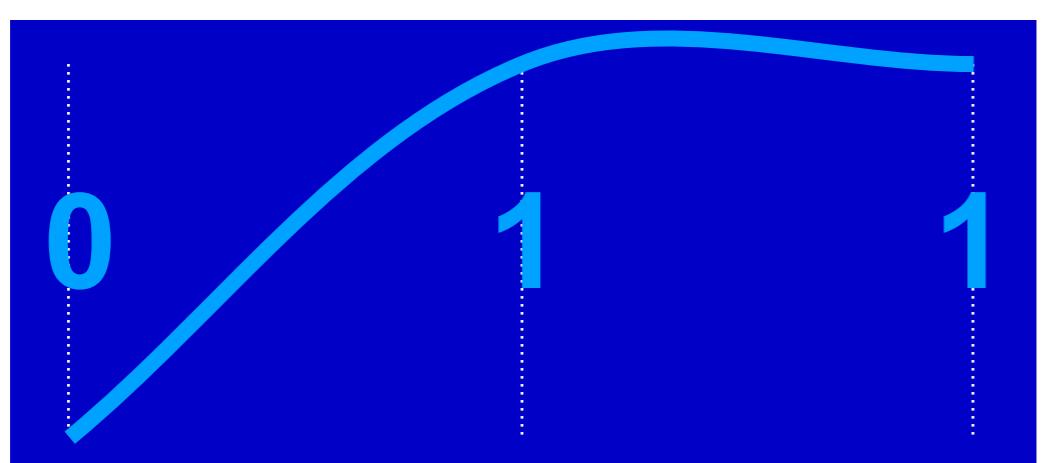
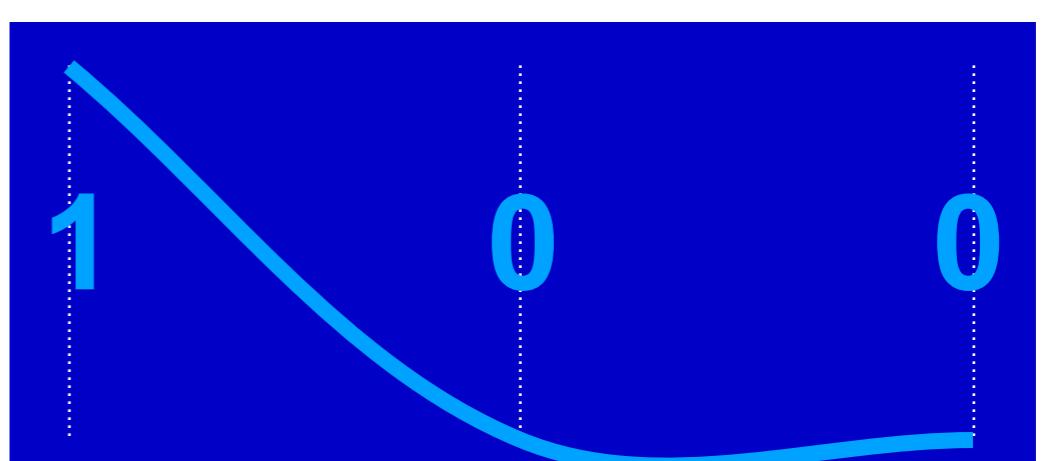
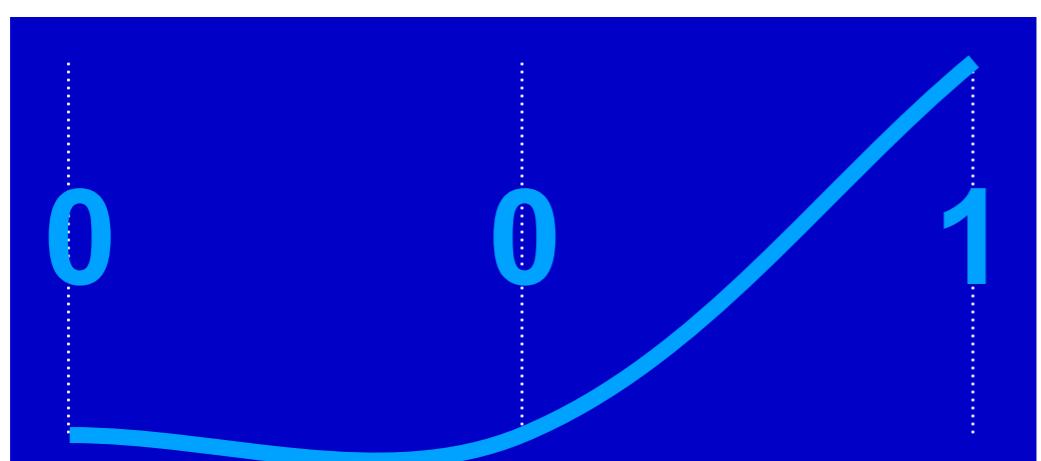
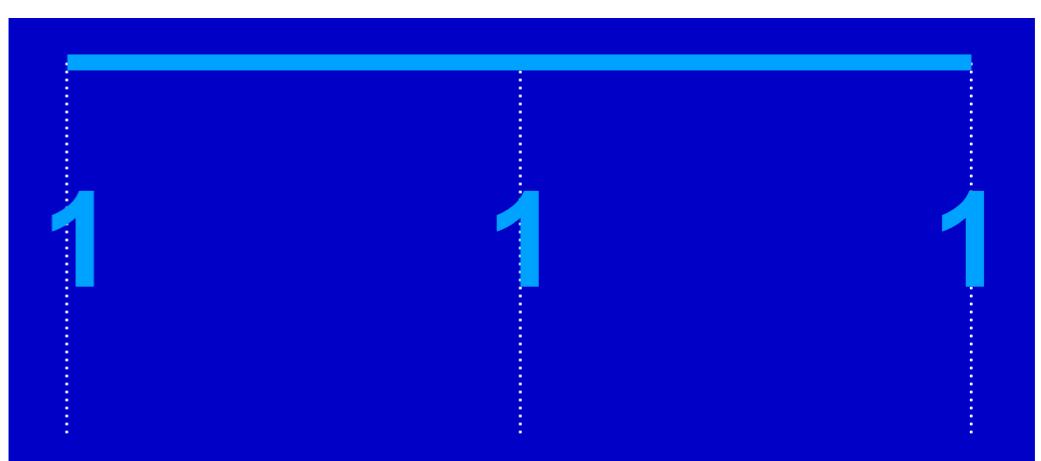
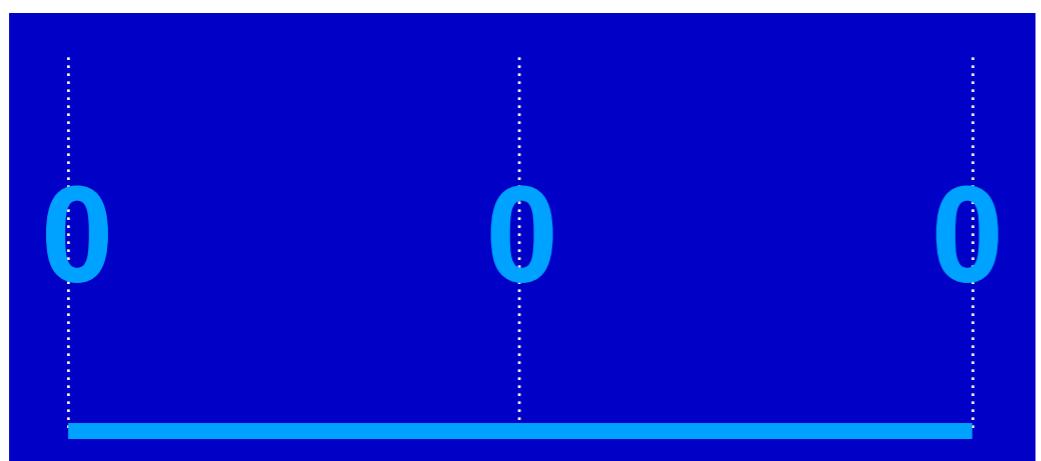
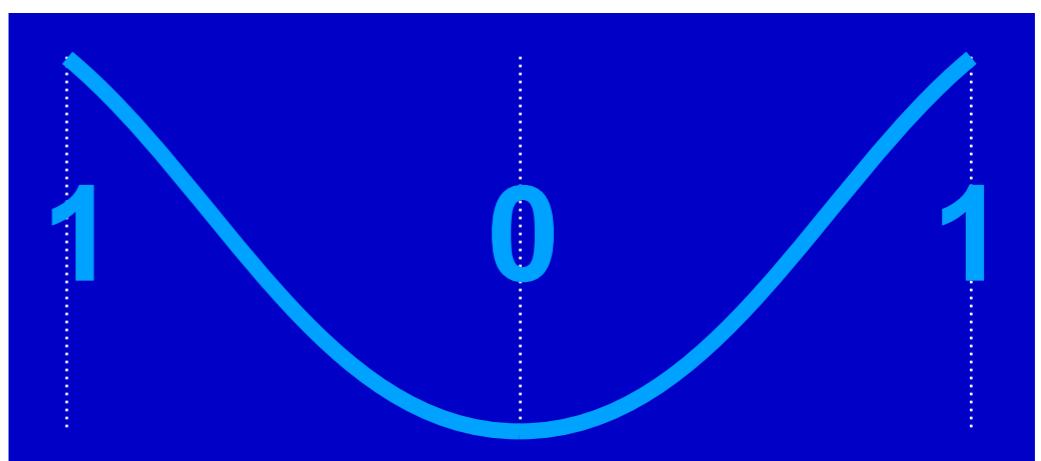
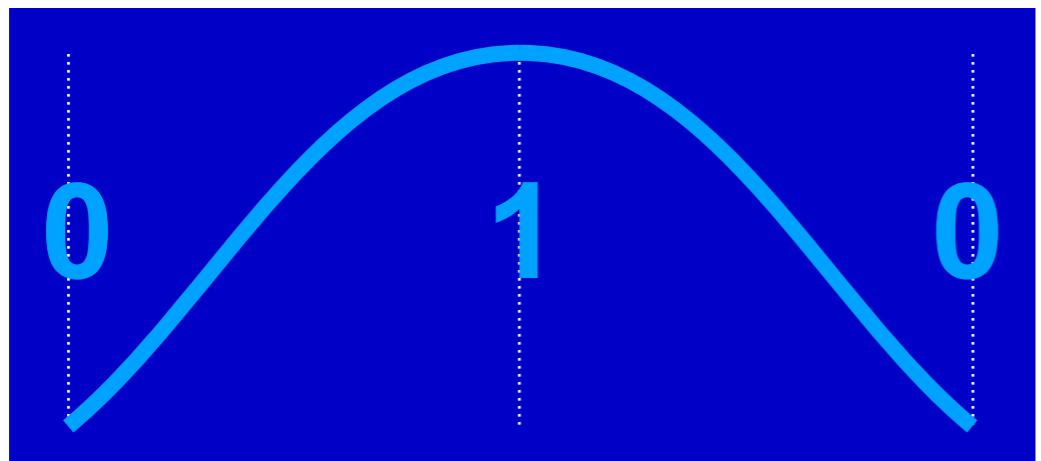
THOMAS.WEIBLE@FLEXOPTIX.NET



mein schönes aUGe:D - source: <http://www.fotocommunity.de/photo/mein-schoenes-auged-nina-goldiger/3232921>, Author: Nina Goldiger



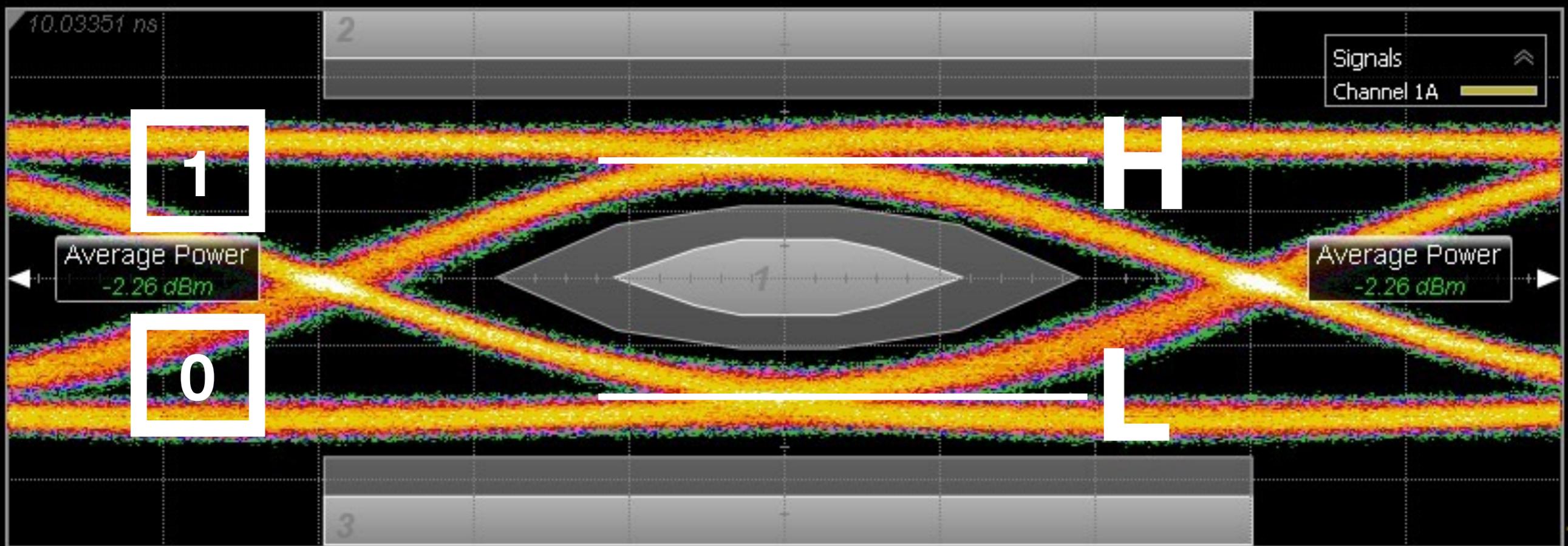
H
L



Waveform



000001010011100101110111...



Mask Test



Results

Mask 1

Mask: 100G-CWDM4 [Change...](#)

Symbol Rate: 25.781 GBd

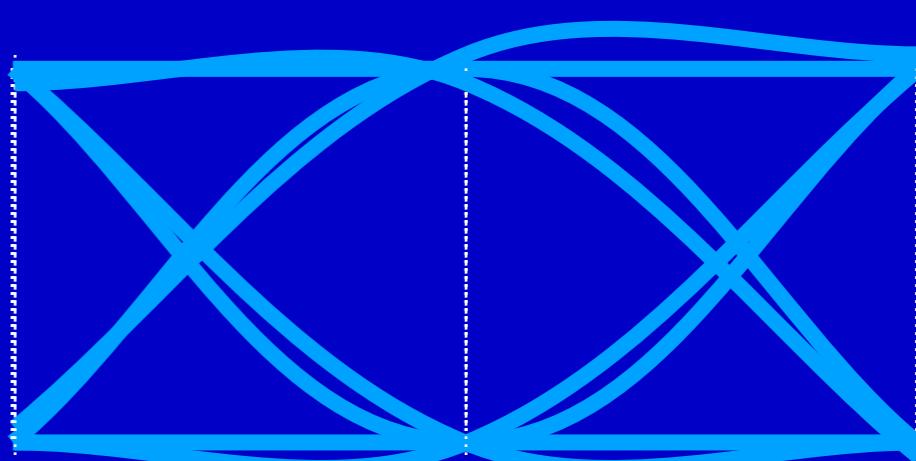
Source: 1A
Align Method: Eye Cross Mean
Waveforms: 614 wfm
Samples/UI: 754.48 ksa
Margin: 40.6 %

Standard Mask Violations

Region 1: 0 hits
Region 2: 0 hits
Region 3: 0 hits
Total: 0 hits

Margin Mask Violations

Region 1: 0 hits
Region 2: 0 hits
Region 3: 0 hits
Total: 0 hits





title Ice Station; author: Thomas Weible

ENO



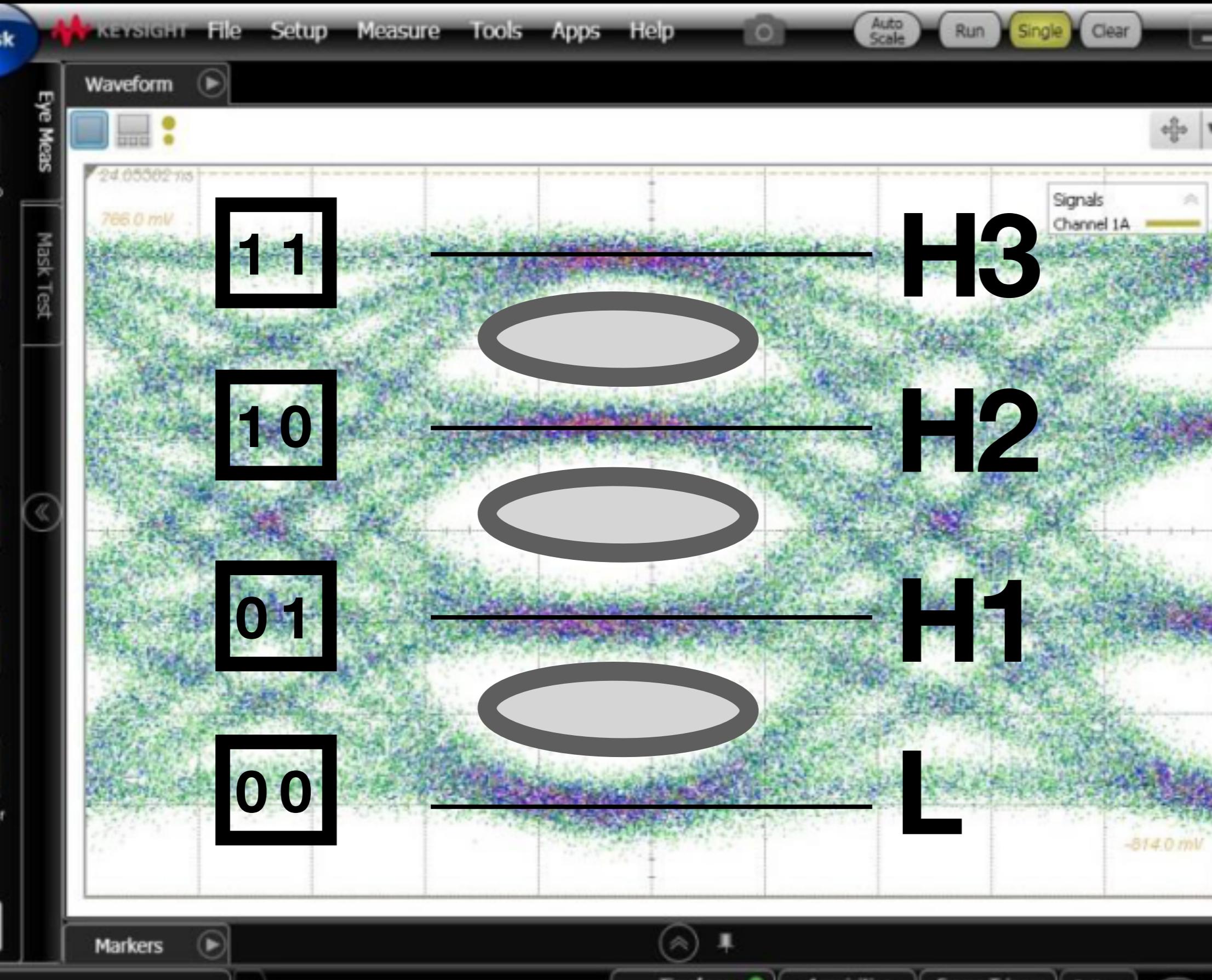
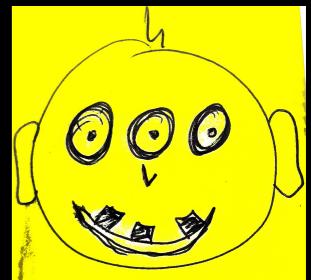
H3

H2

H1

L

000001010011100101110111...
111011101001110010100000...



PAAWW4

hands on



recap 100G

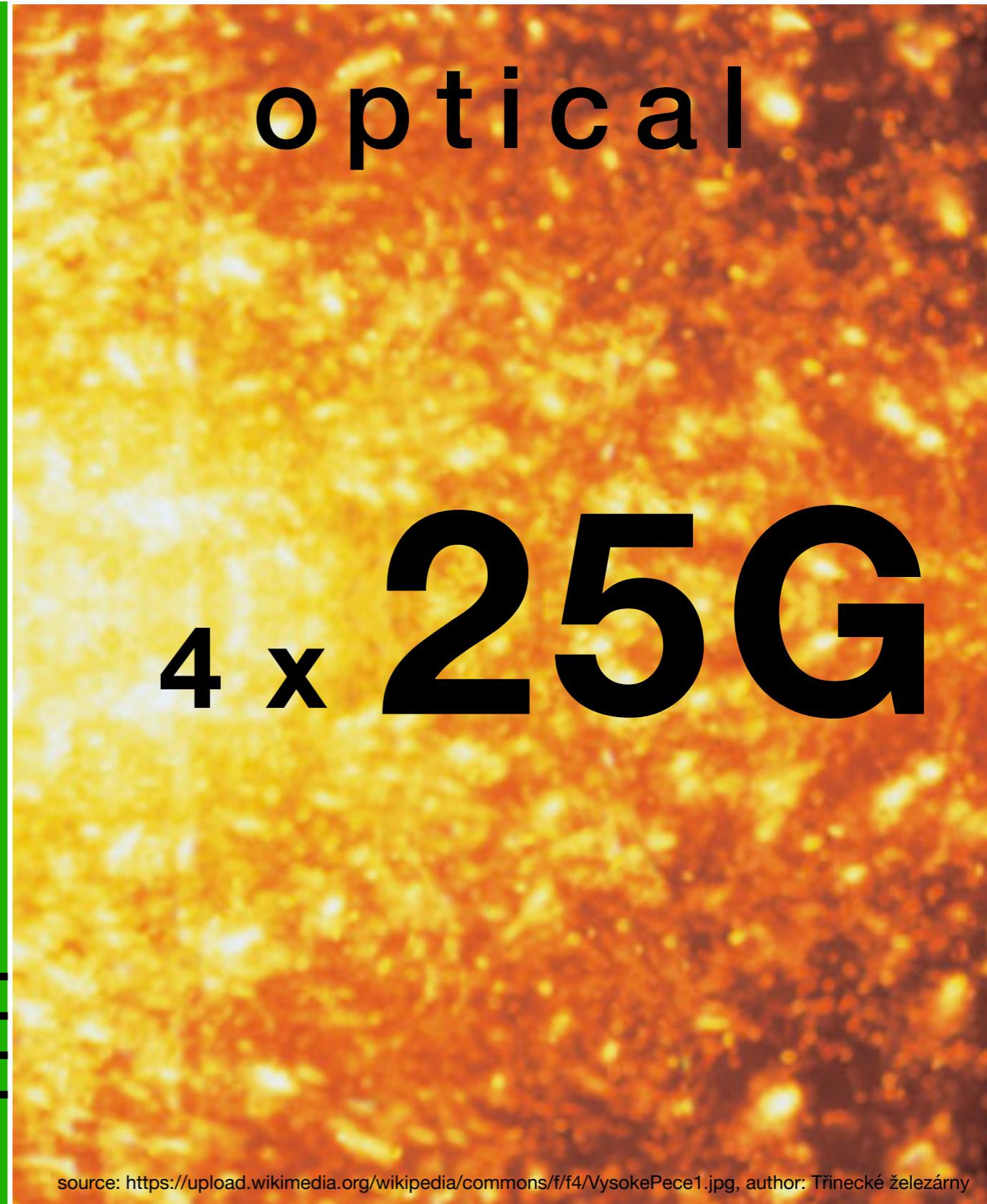
electrical

4 x 25G



optical

4 x 25G





makes 400G

electrical

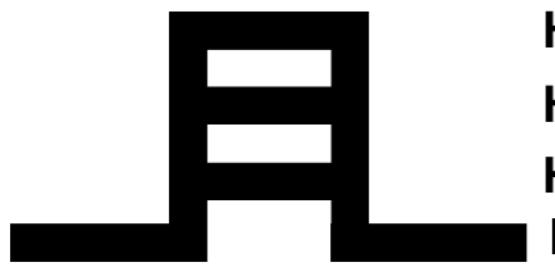
8 x 50G



optical

8 x 50G

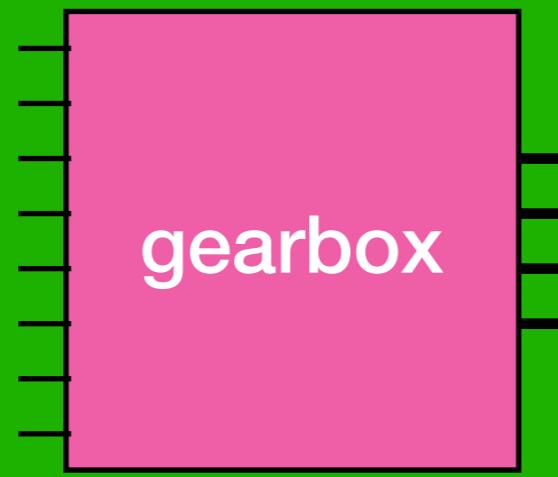




makes 400G

electrical

$8 \times 50\text{G}$

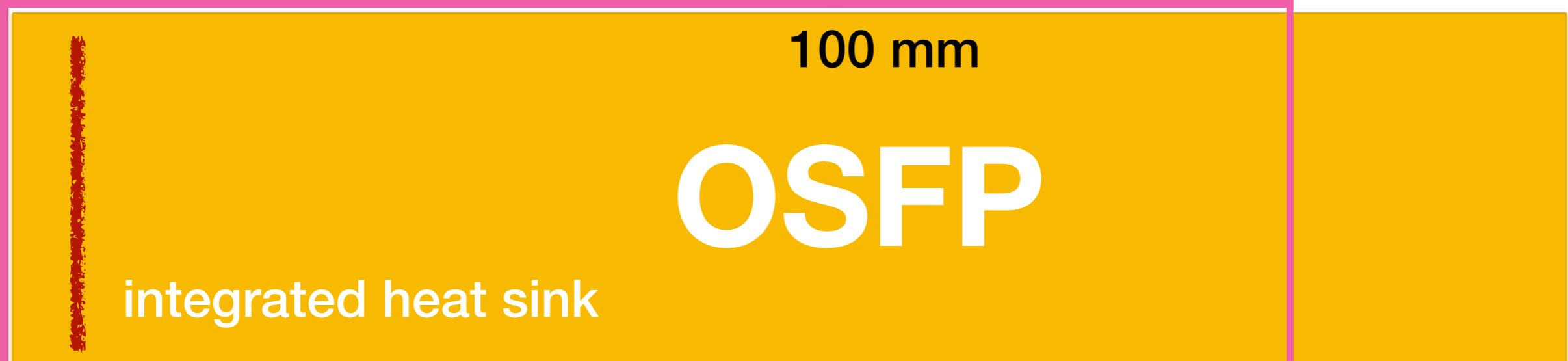


optical

$4 \times 100\text{G}$

SIZE

a super fast switch

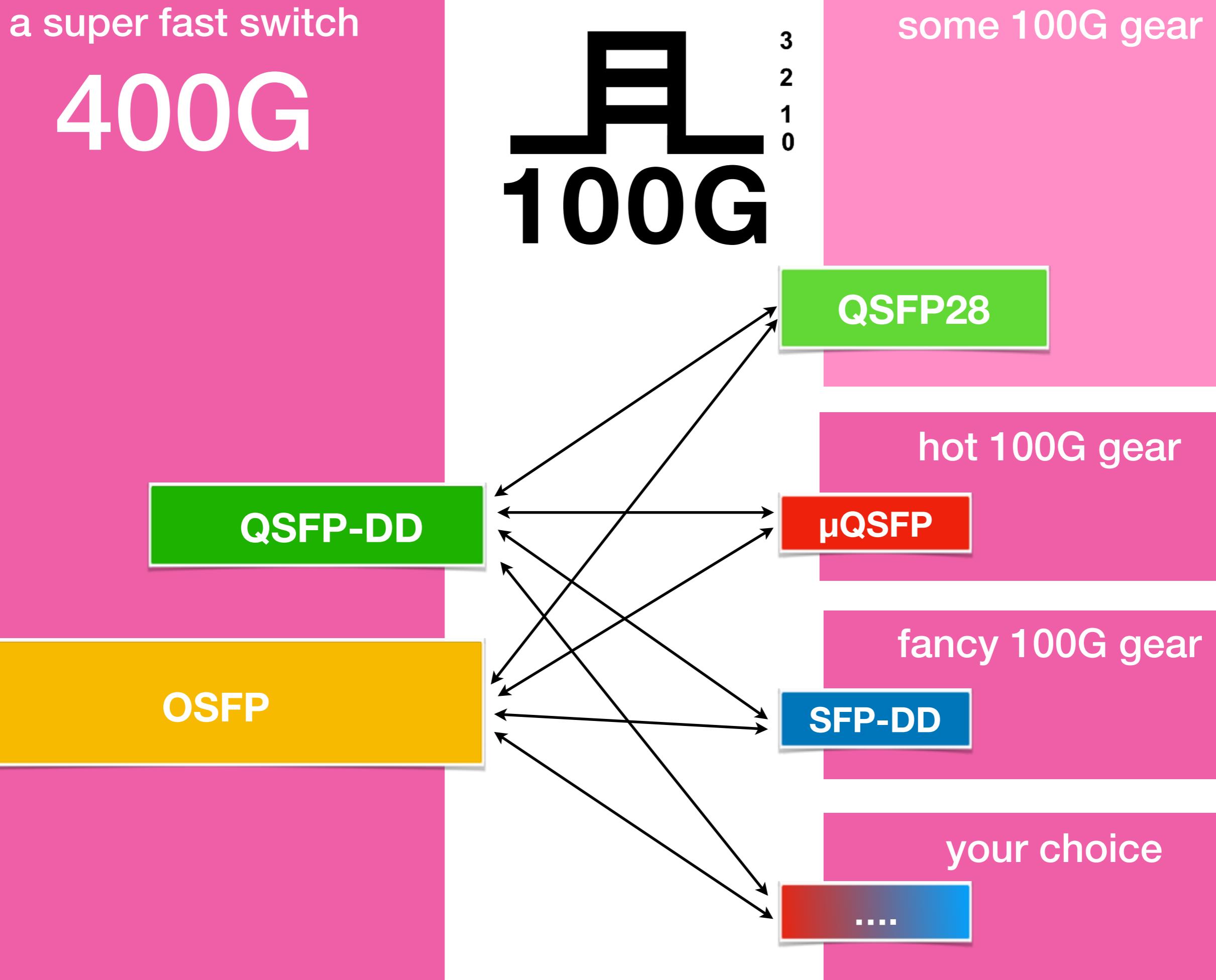


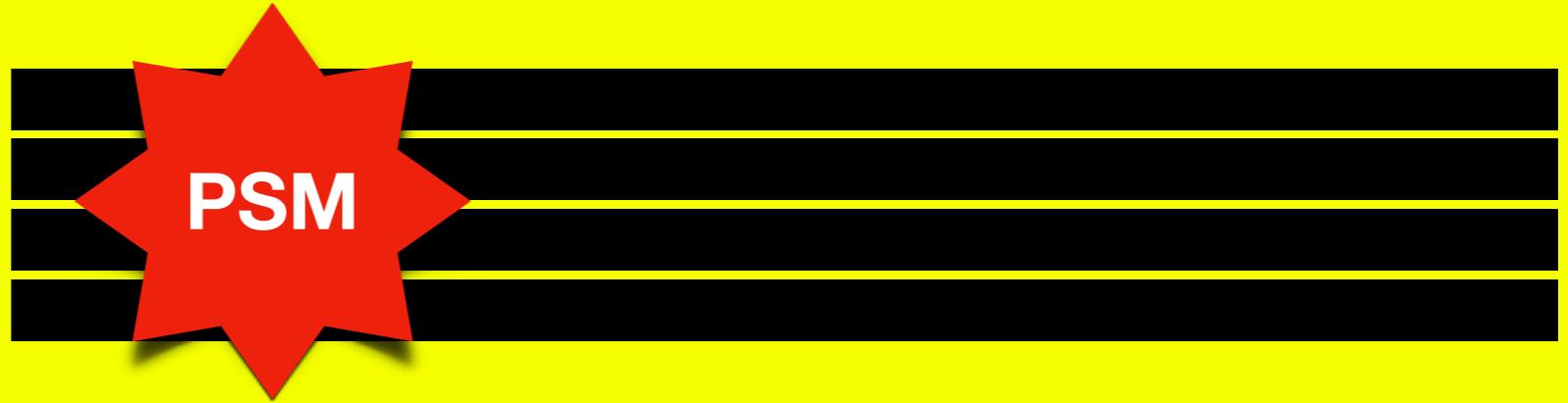
?

a super fast switch

400G

100G





LR4

IEEE 802.3ba

DR4

↔ 500 m

PSM

FR8 FR4



LR8 LR4



100GLambda MSA & IEEE 802.3bs

and more PLUGS

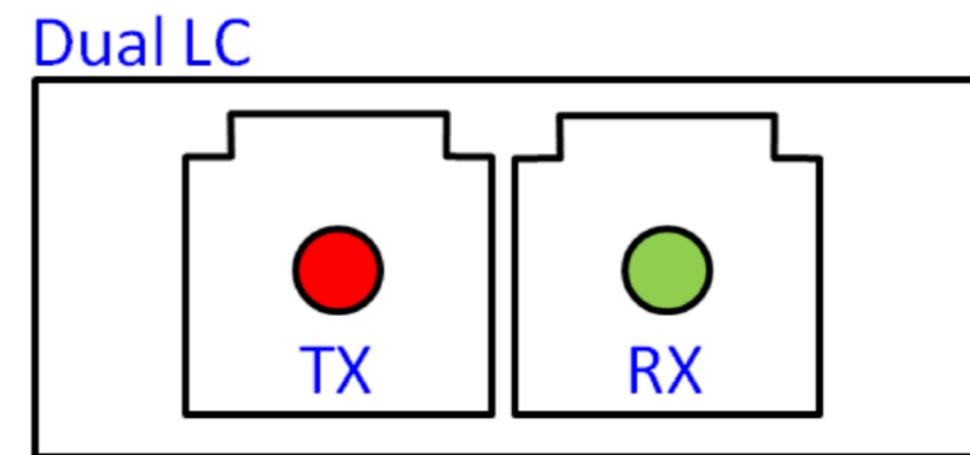
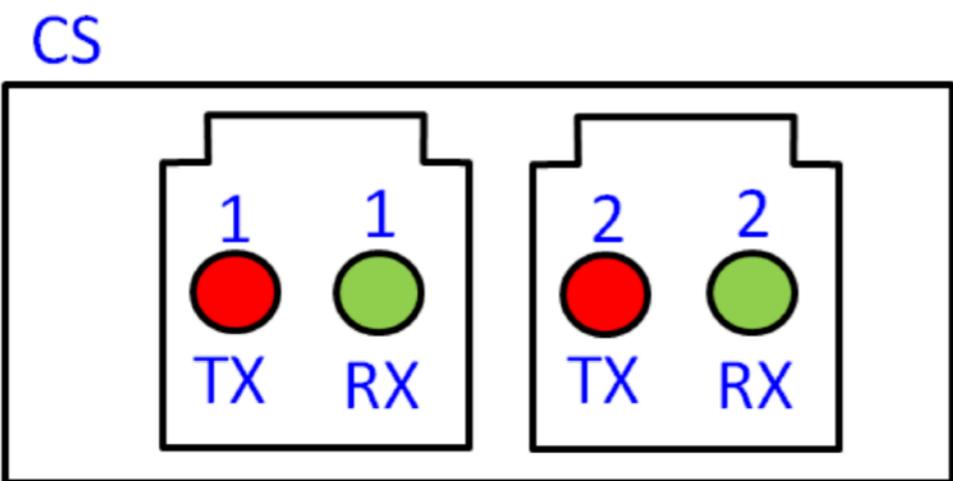
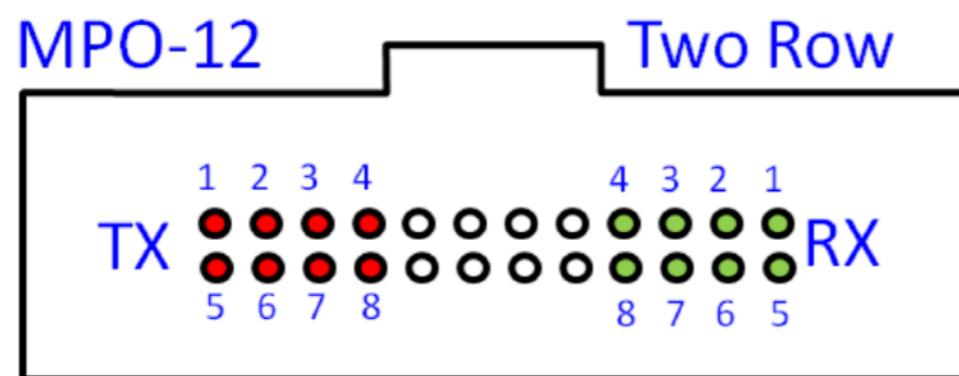
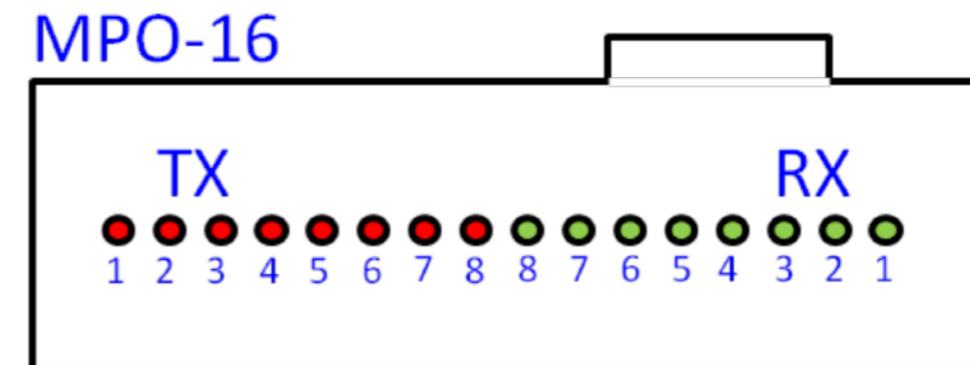
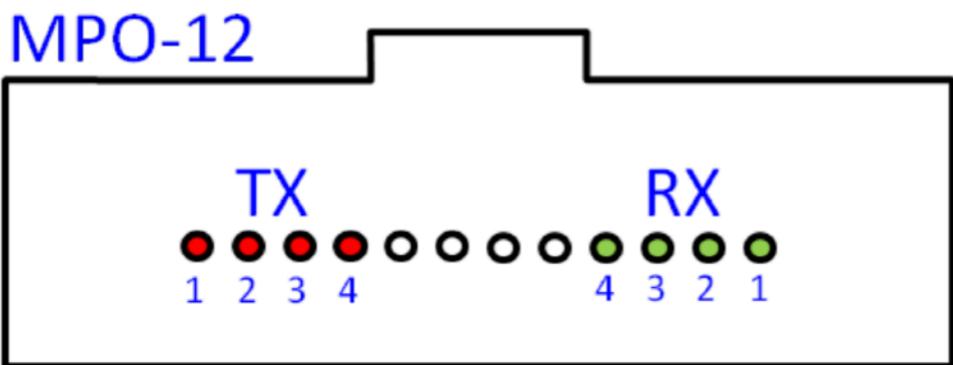
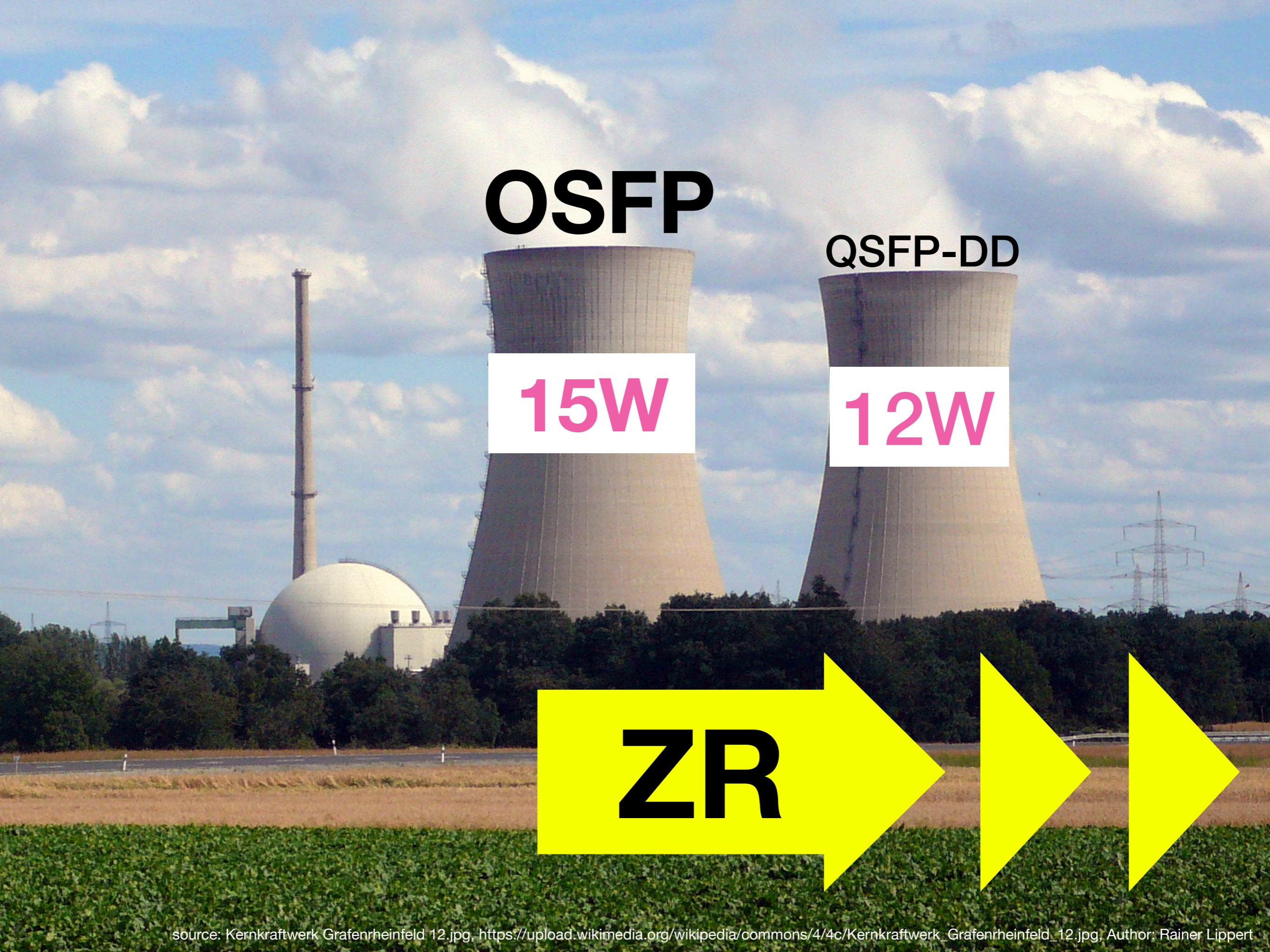


Figure 33: Optical Media Dependent Interface port assignments



OSFP

QSFP-DD

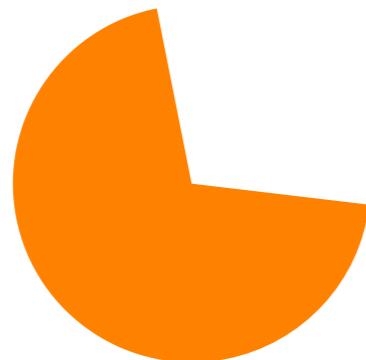
15W

12W

ZR

THE FLEXBOX CREATORS

THOMAS.WEIBLE@FLEXOPTIX.NET



1
revolutionary
development



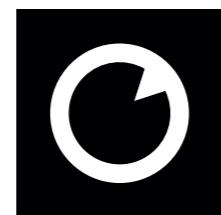
53
flexperts



45732
transceiver
compatibilities



THANK YOU



FLEXOPTIX