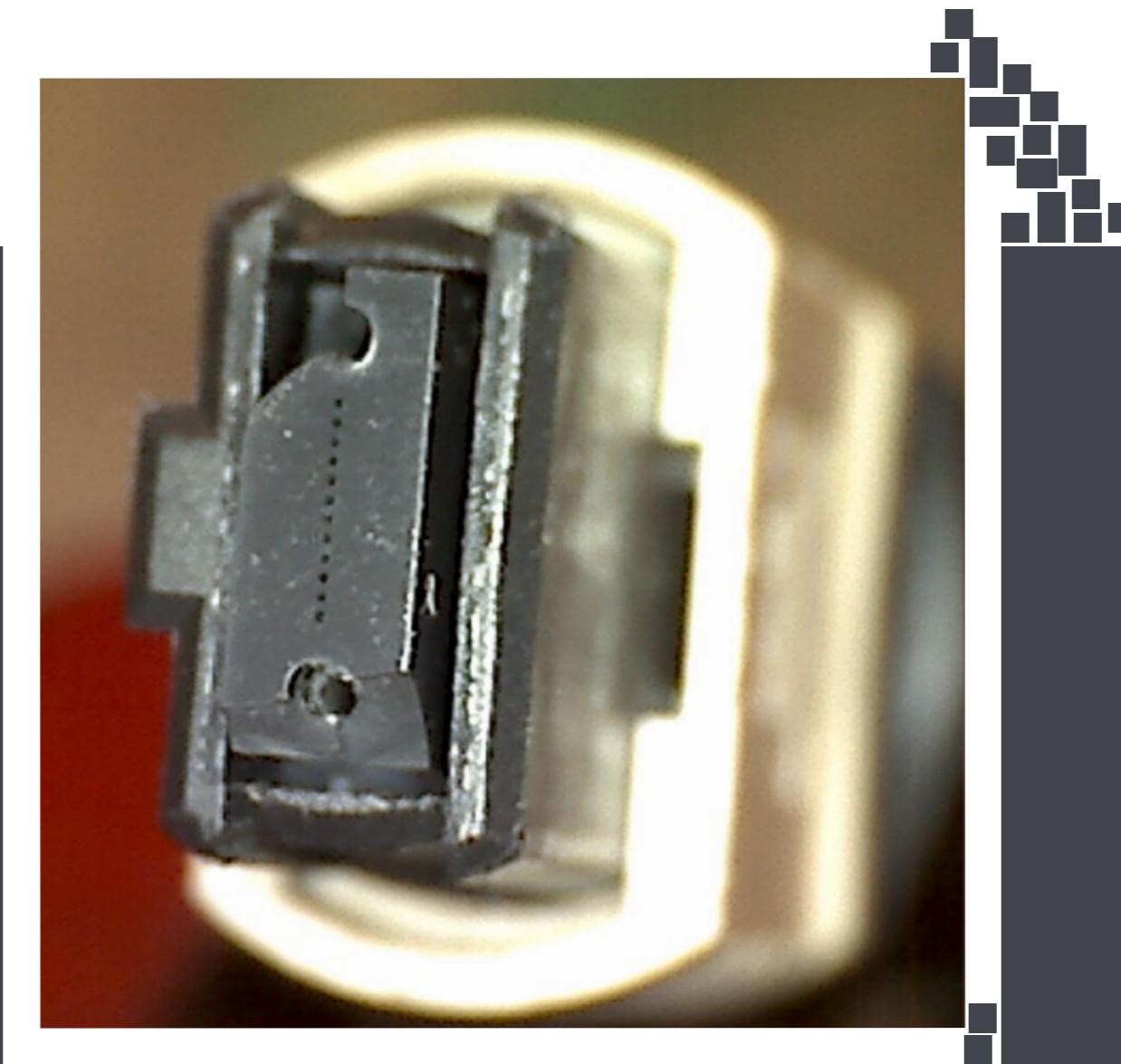
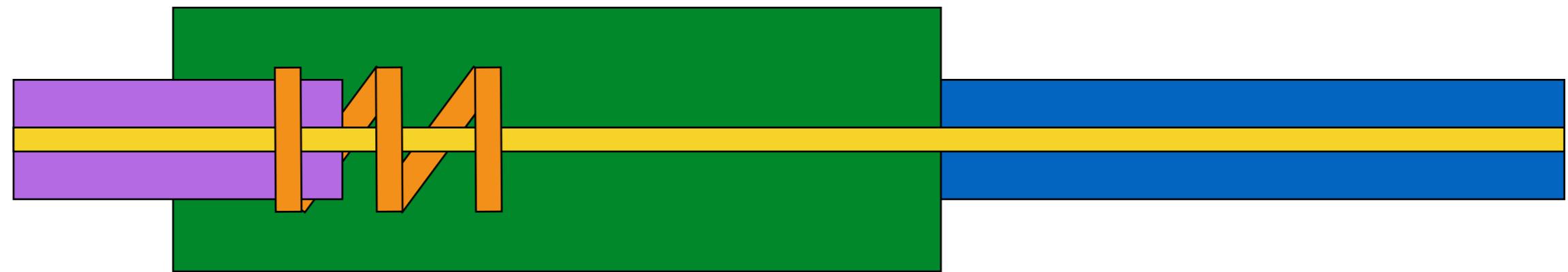


fracking fiber optic

FFO

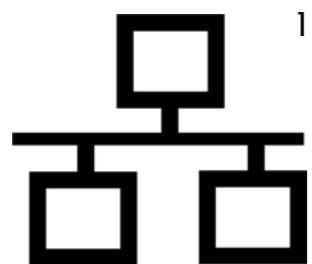
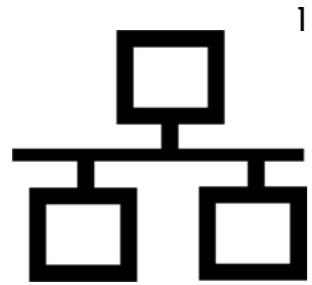
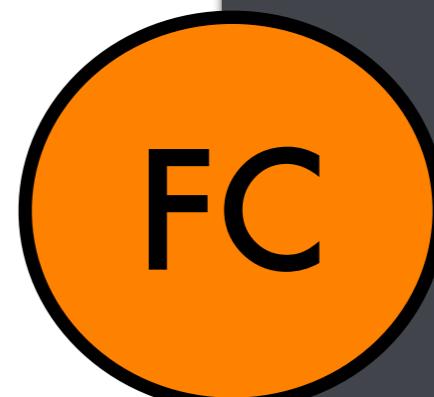




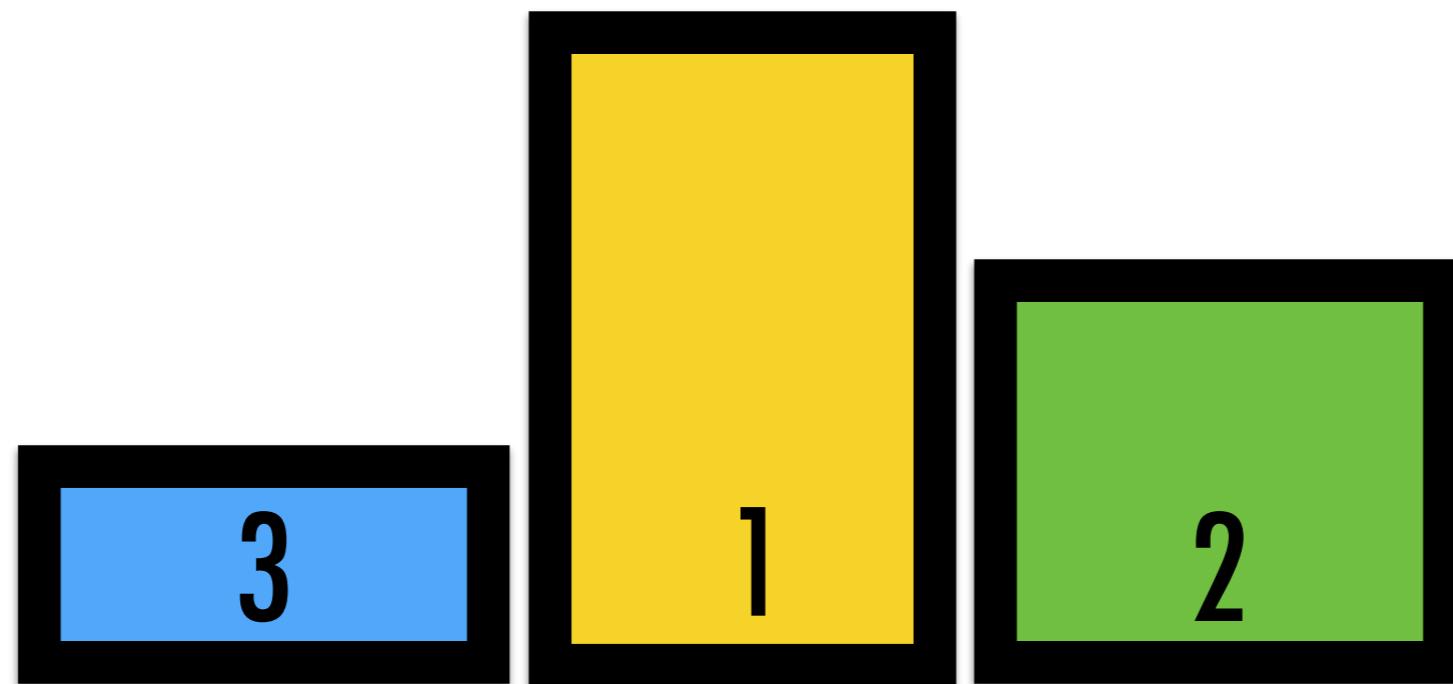
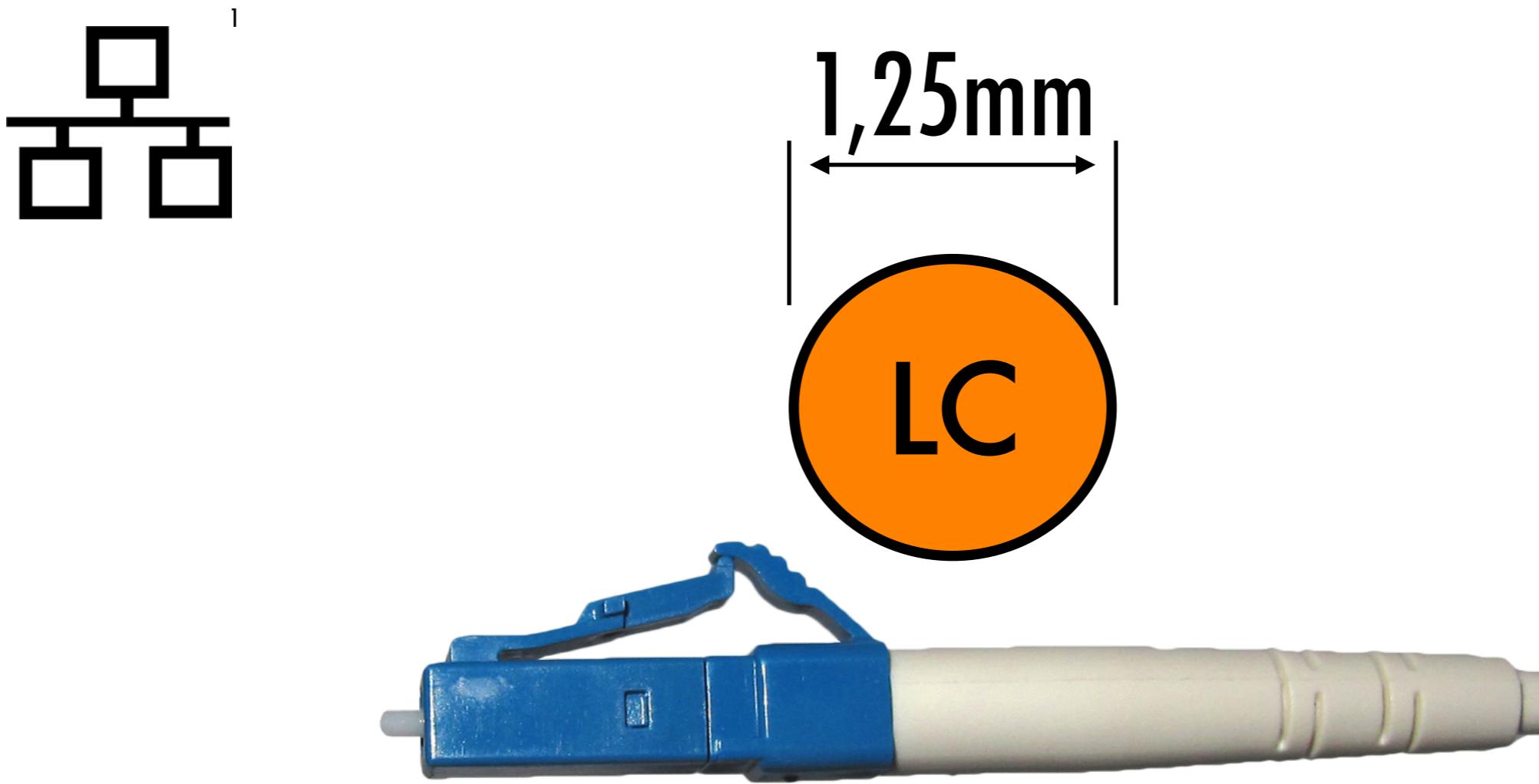
Plug Housing
Fiber
Cable Coating

Spring
Ceramic Ferrule

2,5mm



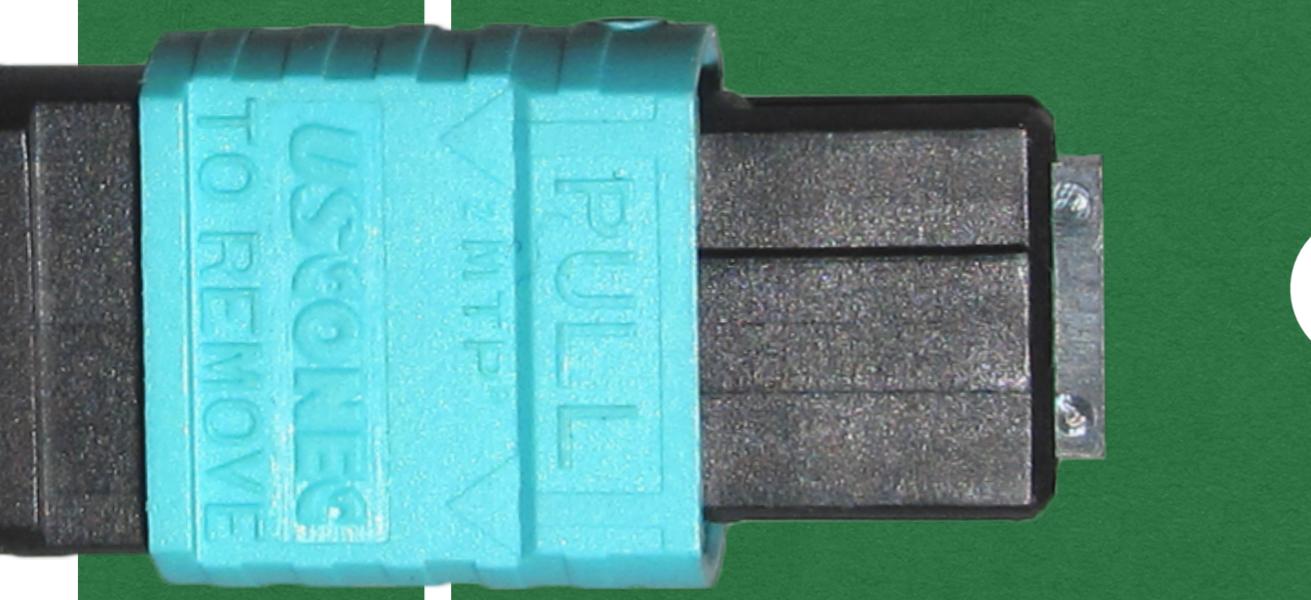
Source:
1: ZeWaren (<https://openclipart.org/detail/137839/ethernet-connector-symbol>)
2: pibcr (<https://openclipart.org/detail/216372/network-globe>)
3: SimpleIcons (<https://openclipart.org/detail/213224/gauge-icon>)



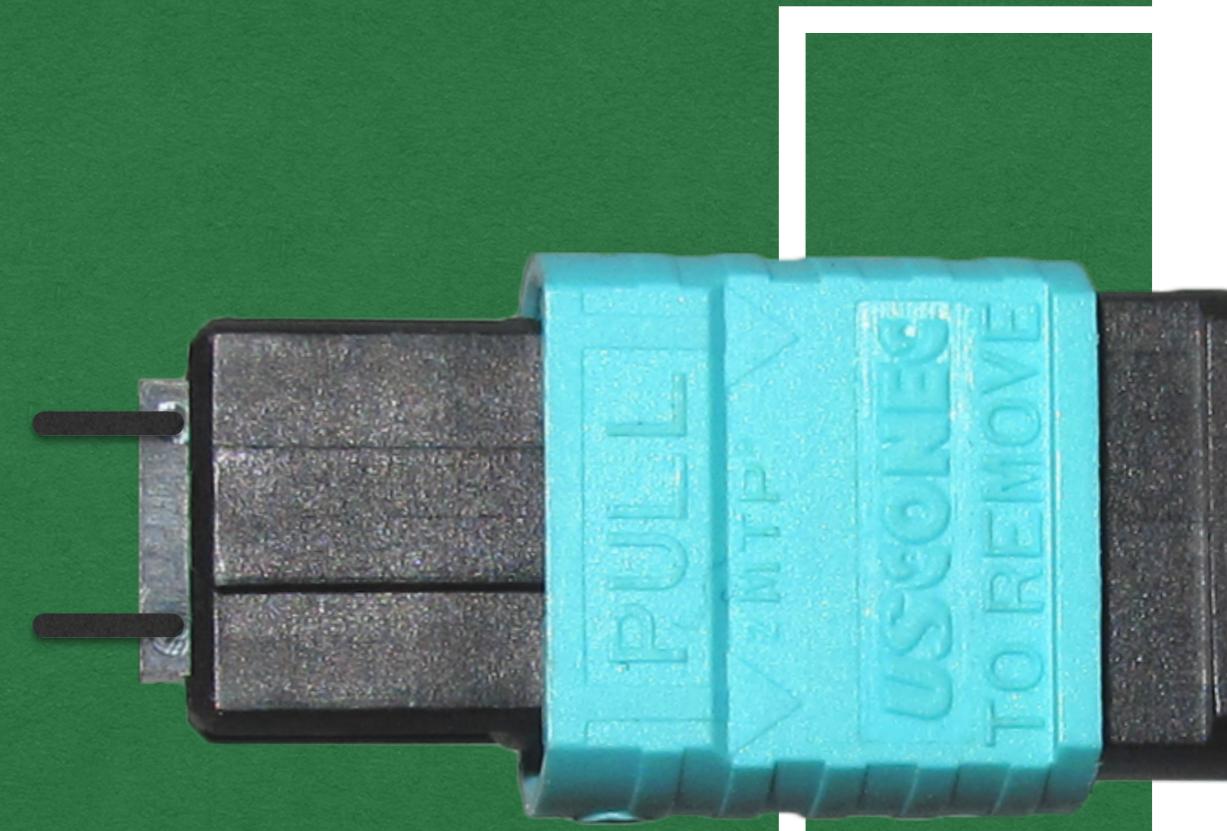
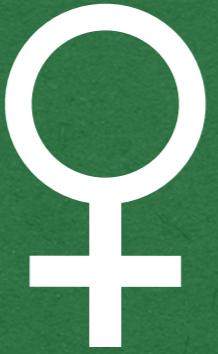
Source:

1: ZeWaren (<https://openclipart.org/detail/137839/ethernet-connector-symbol>)

the IEC-61754-7 & EIA/TIA-604-5 presents



0,125mm

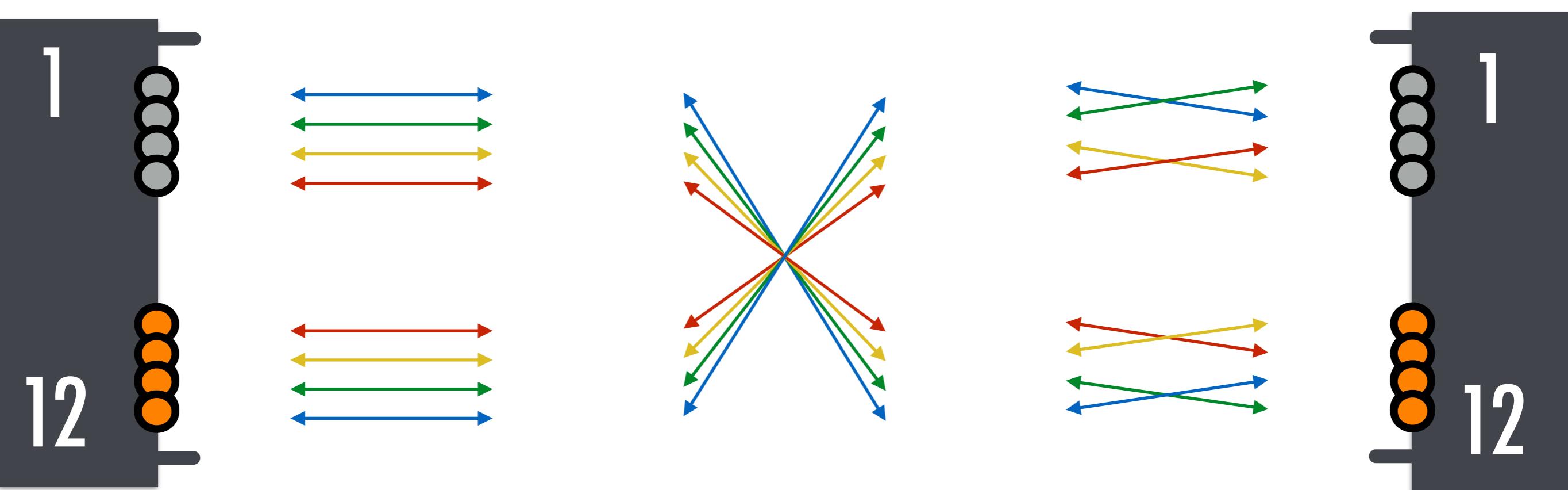
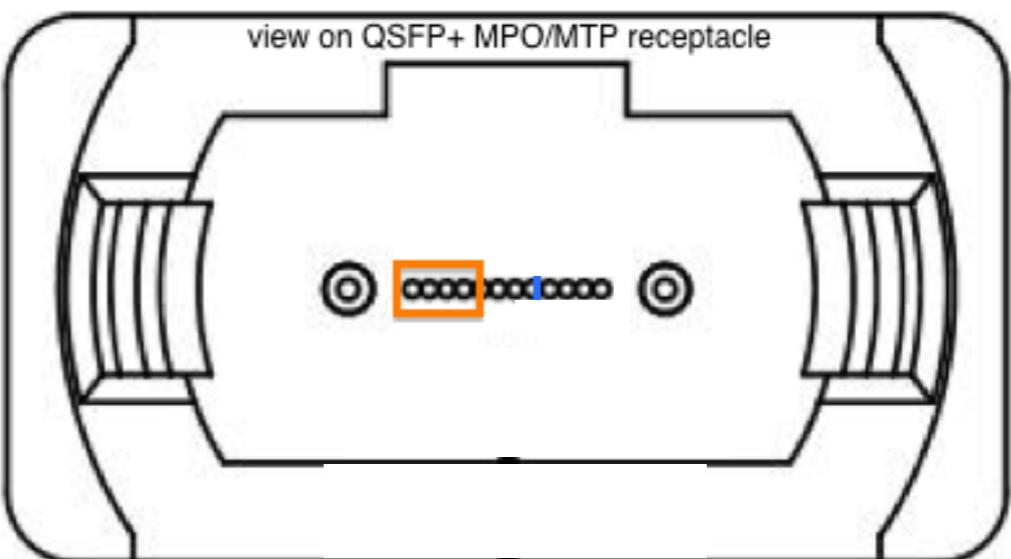


Fiber Number: 12 11 10 9 4 3 2 1

TX Channels: 1 2 3 4

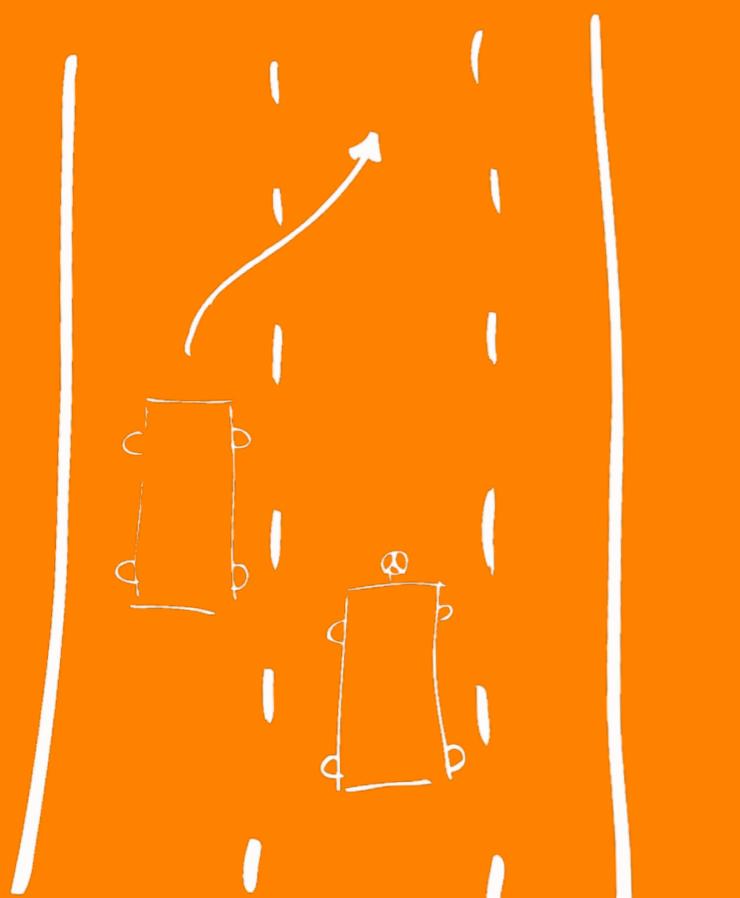
RX Channels:

4 3 2 1



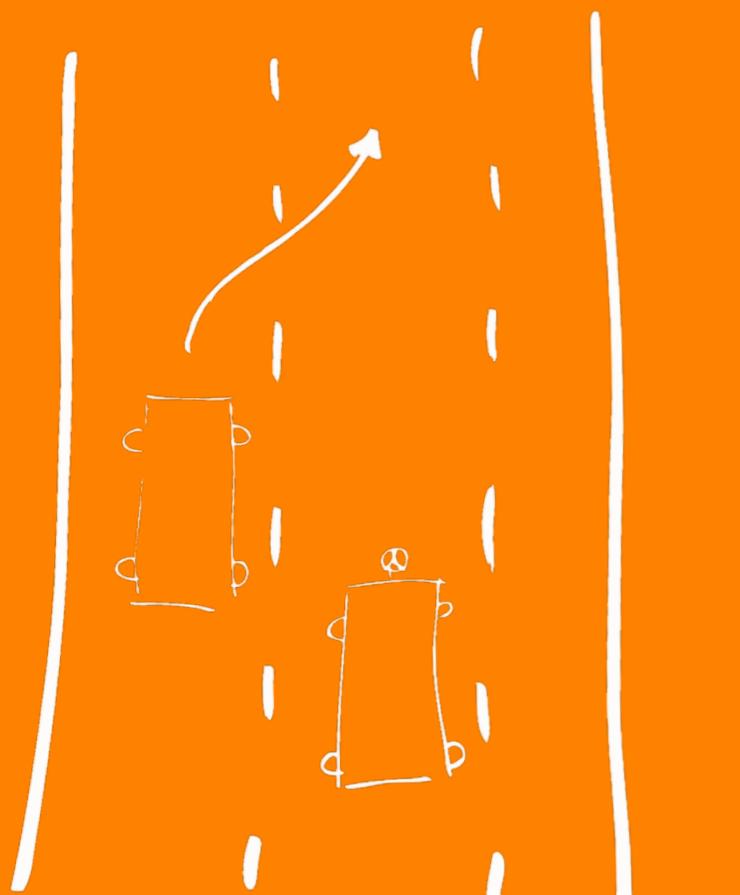


JITTER

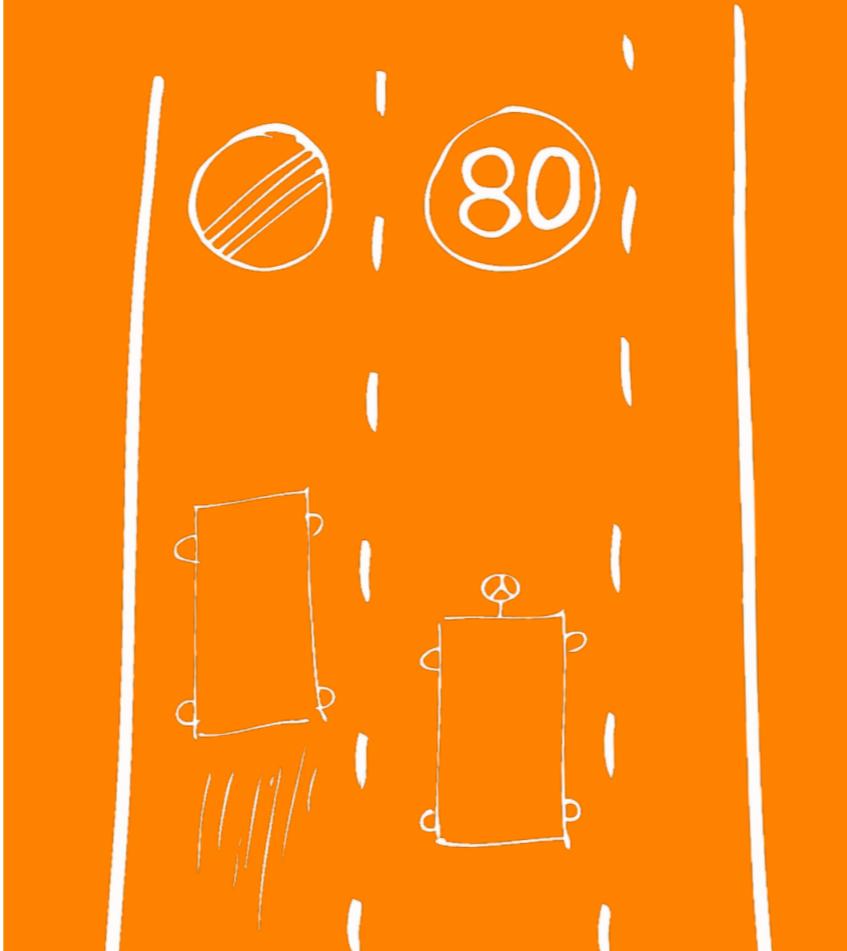




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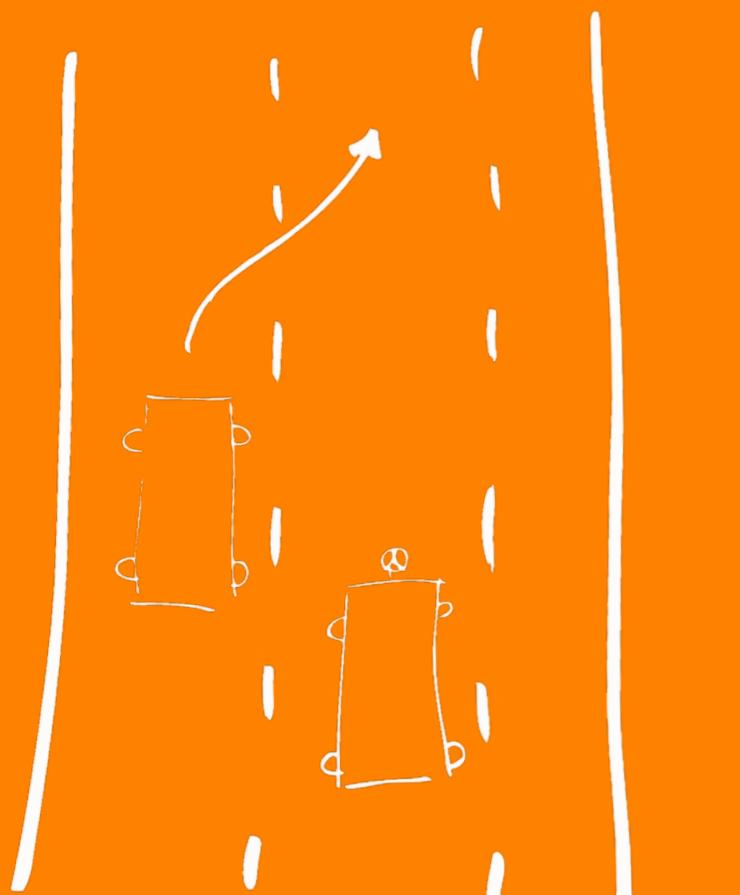


CHROMATIC DISPERSION

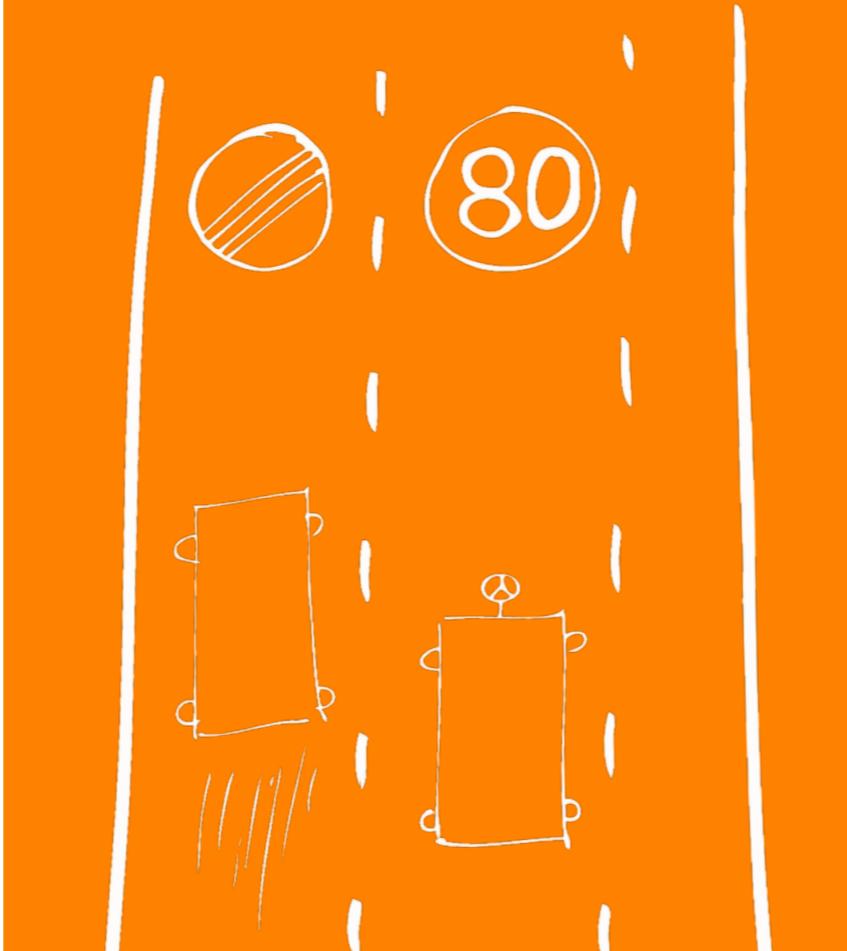




JITTER

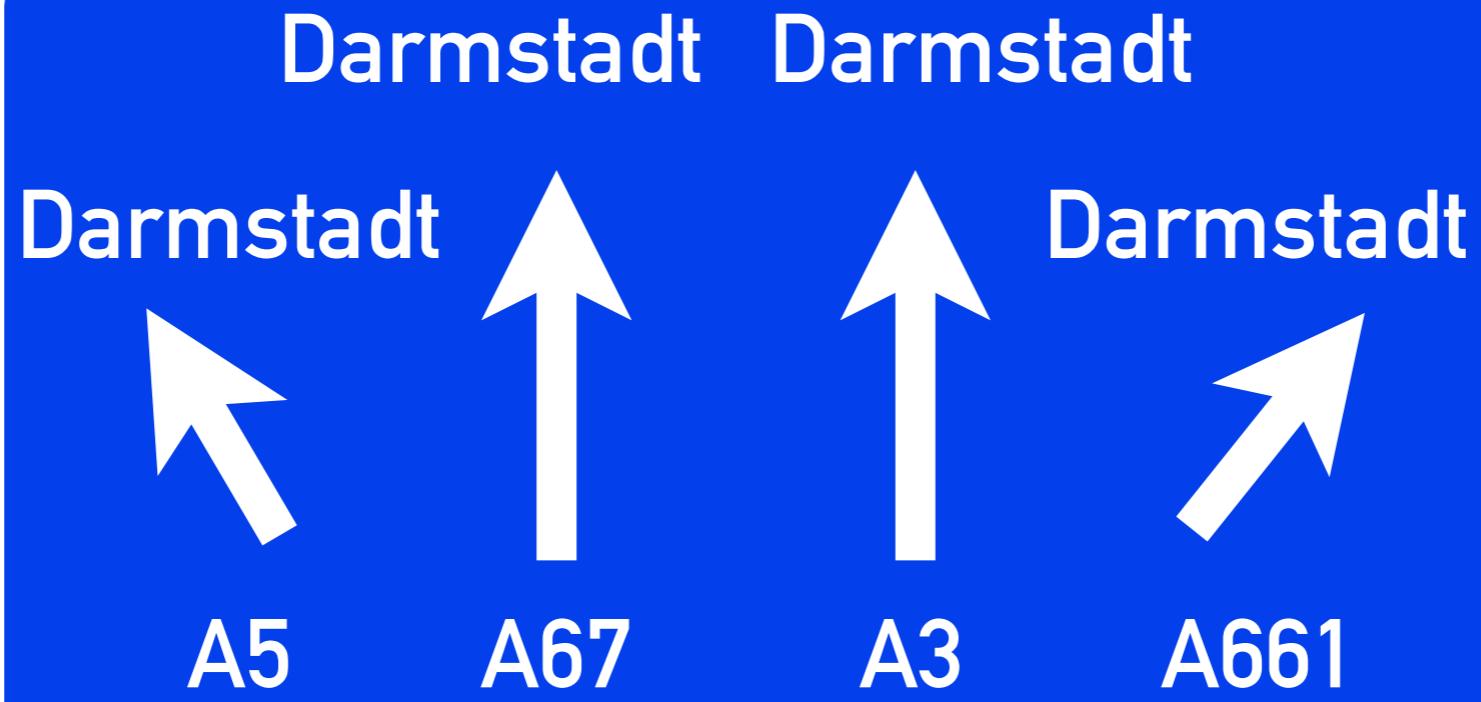


CHROMATIC DISPERSION

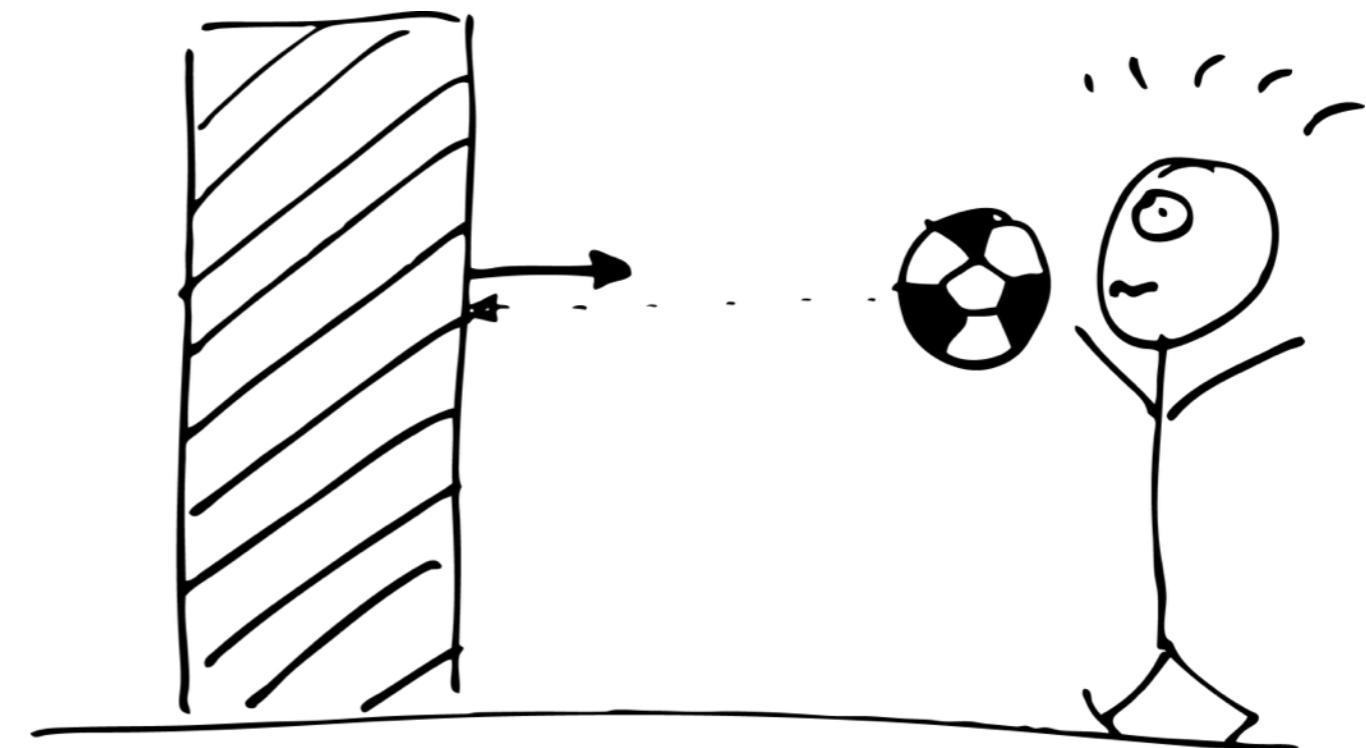
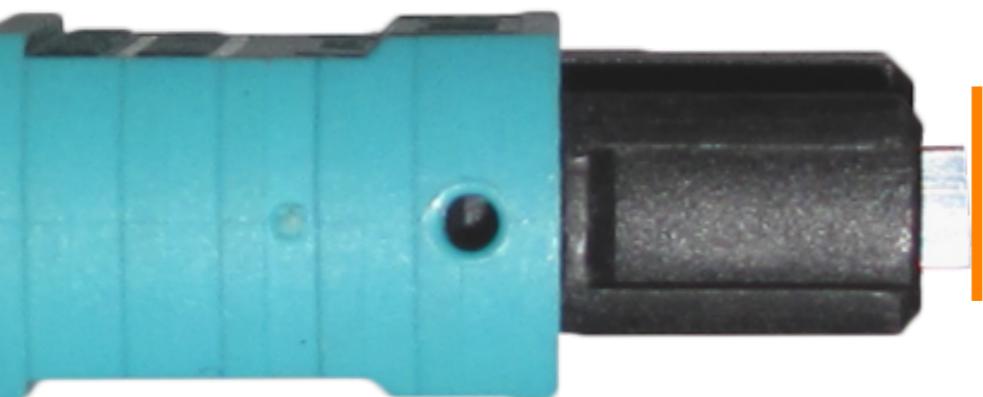
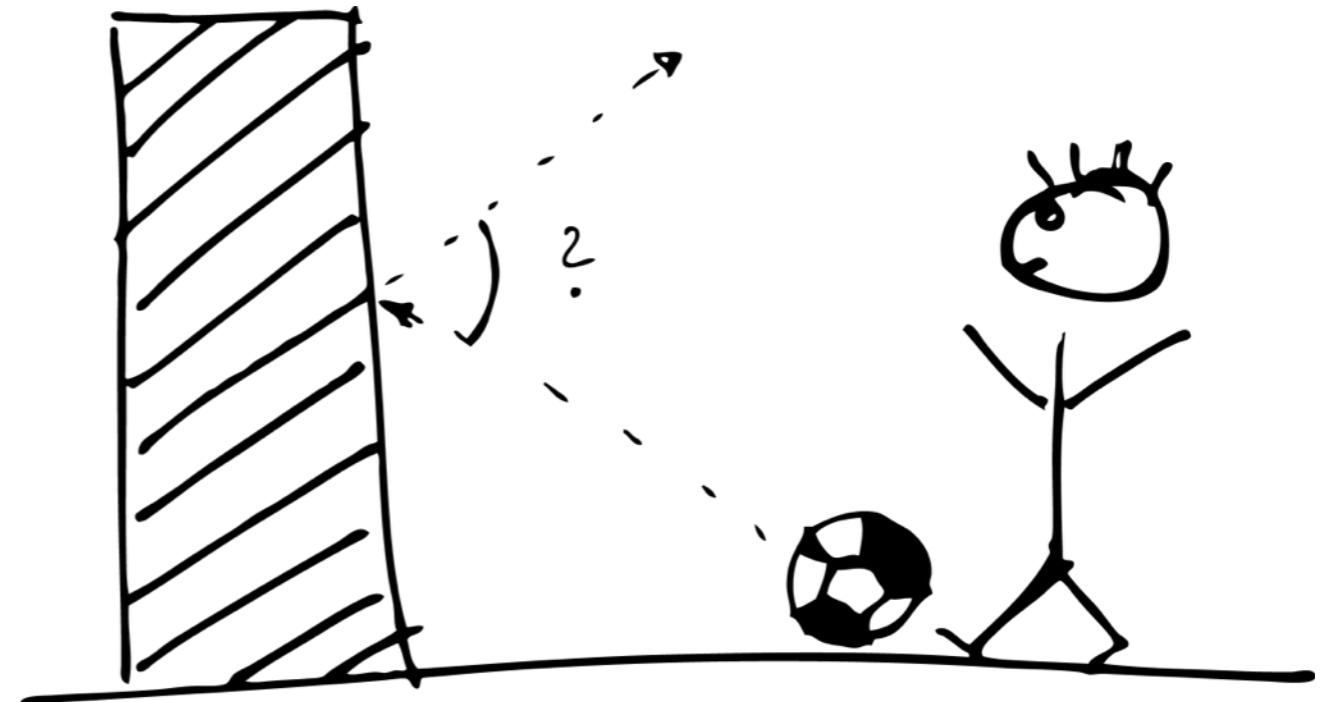


LOSS





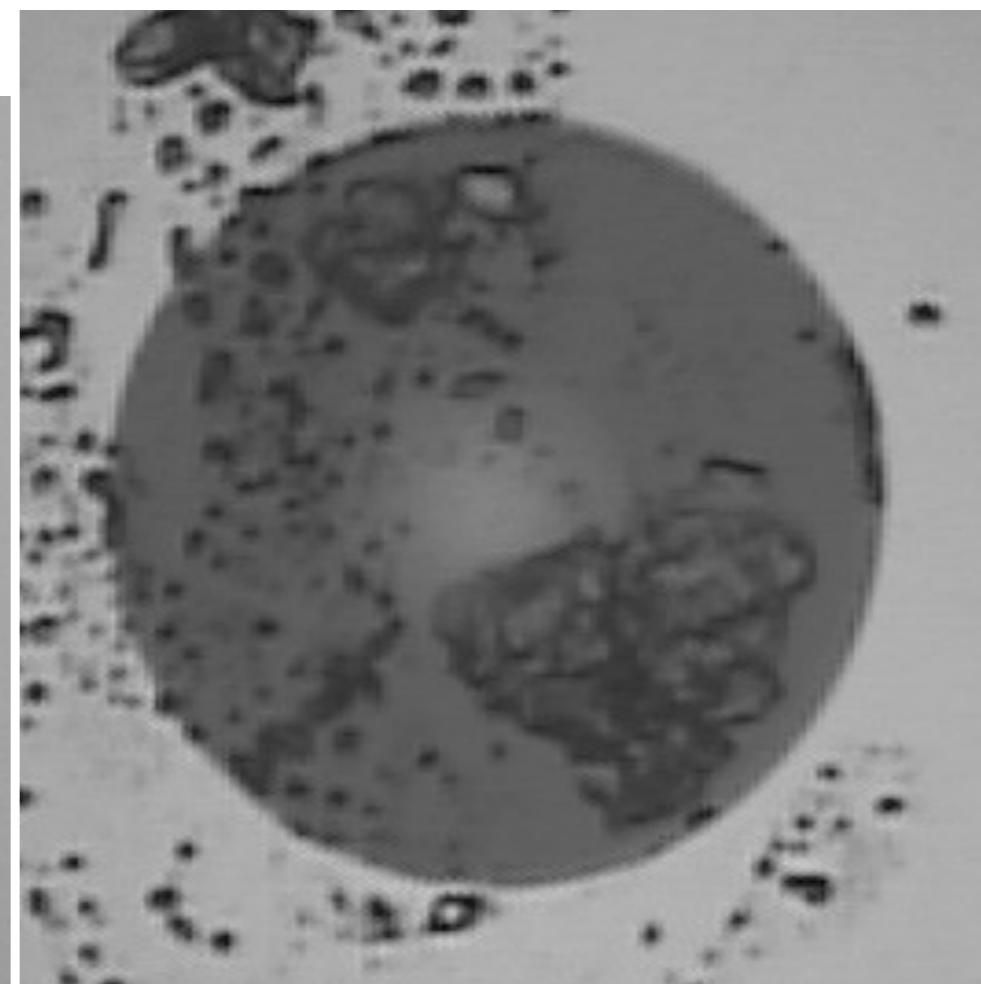
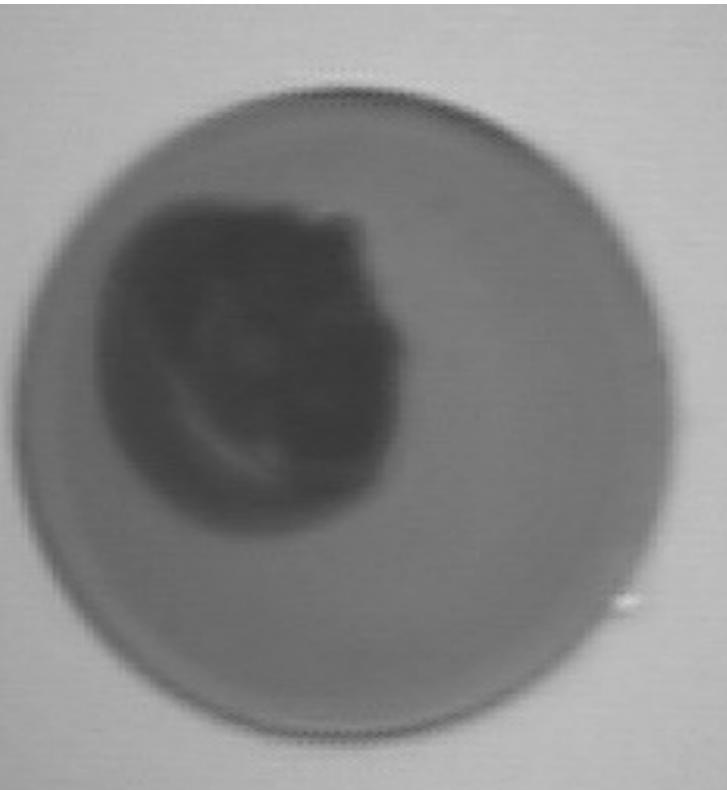
better not

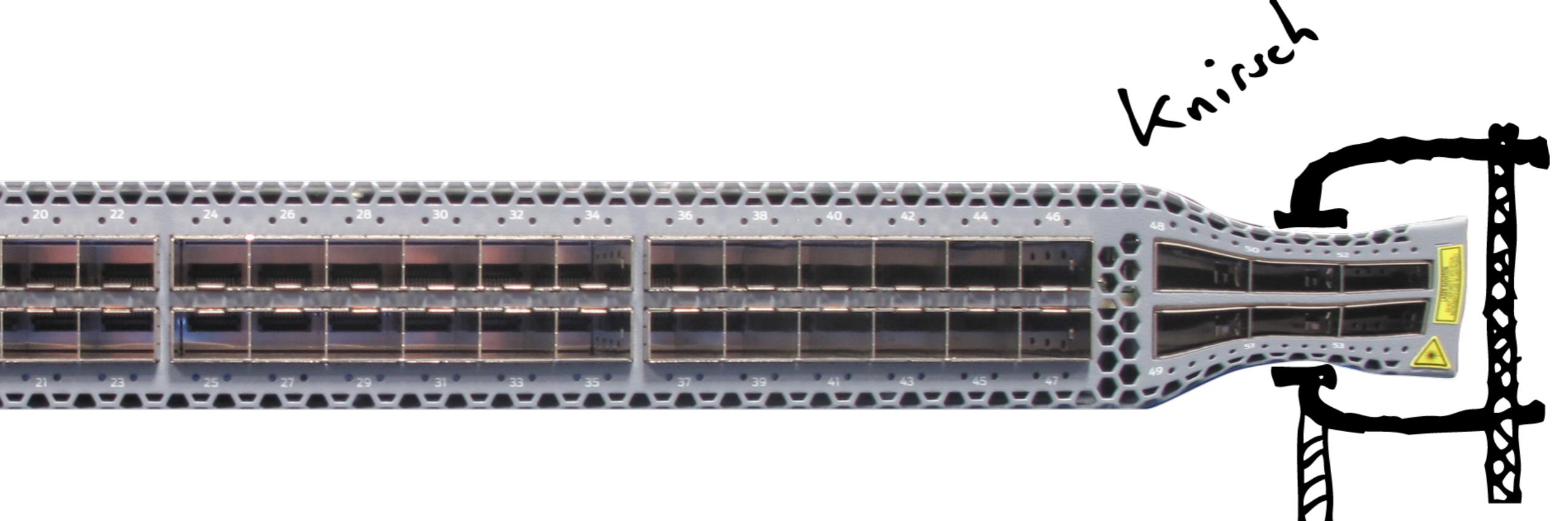




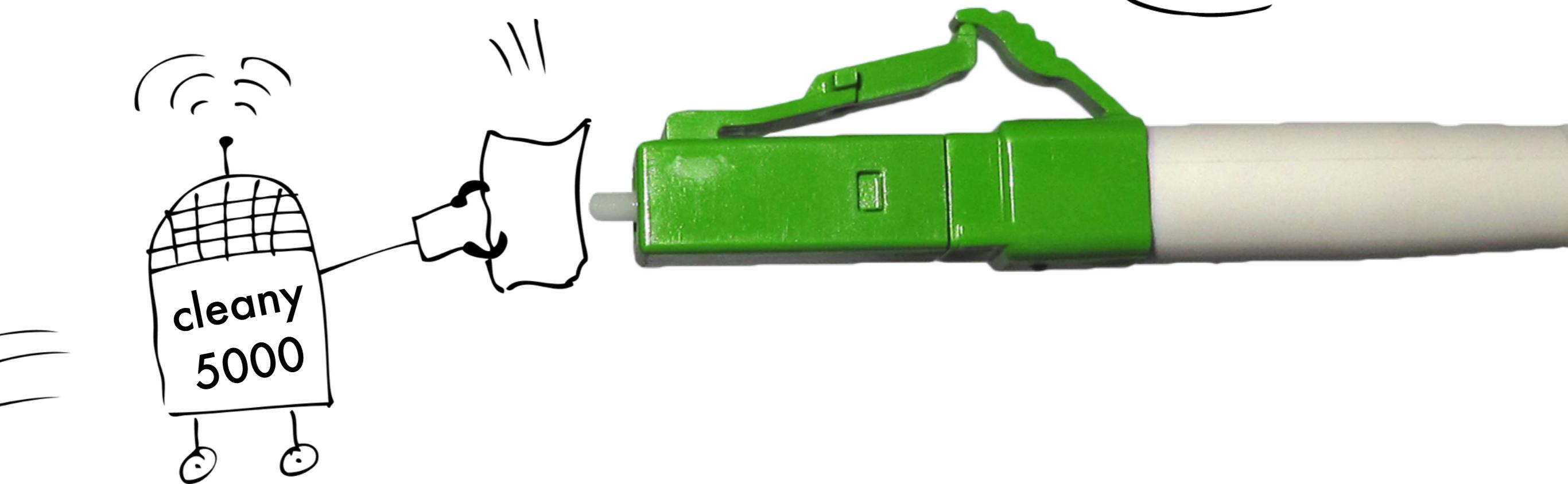


—.!!!!!! clean me





tataa...

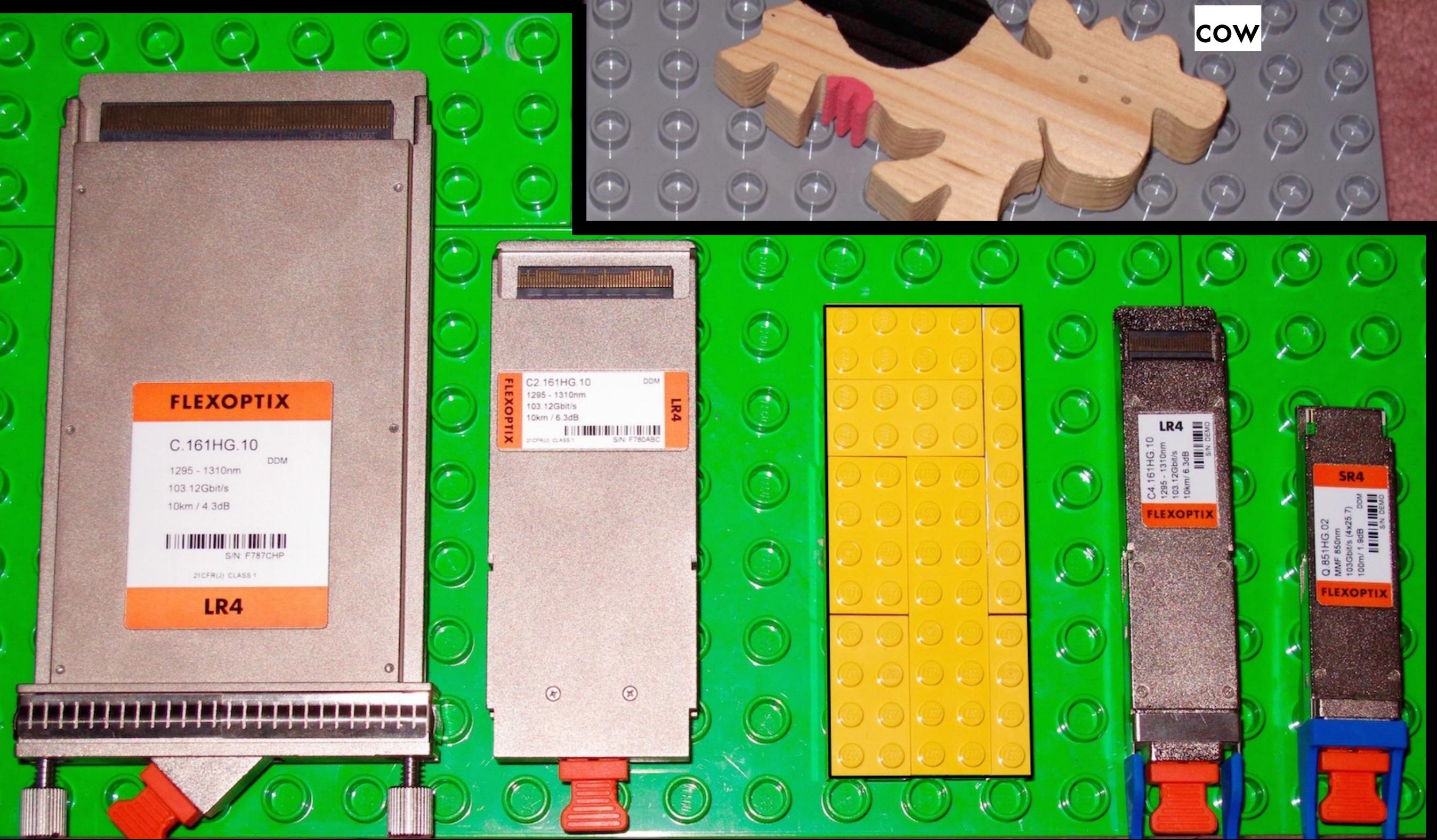




the secret
FLEXOPTIX
laboratories



COW



CFP

CFP2

CPAK

CFP4

QSFP28



NOT available

SR10: CFP4, QSFP28

CWDM LR4 / LR4L: CFP, CFP2, CPAK

DC, Colo, < 10km

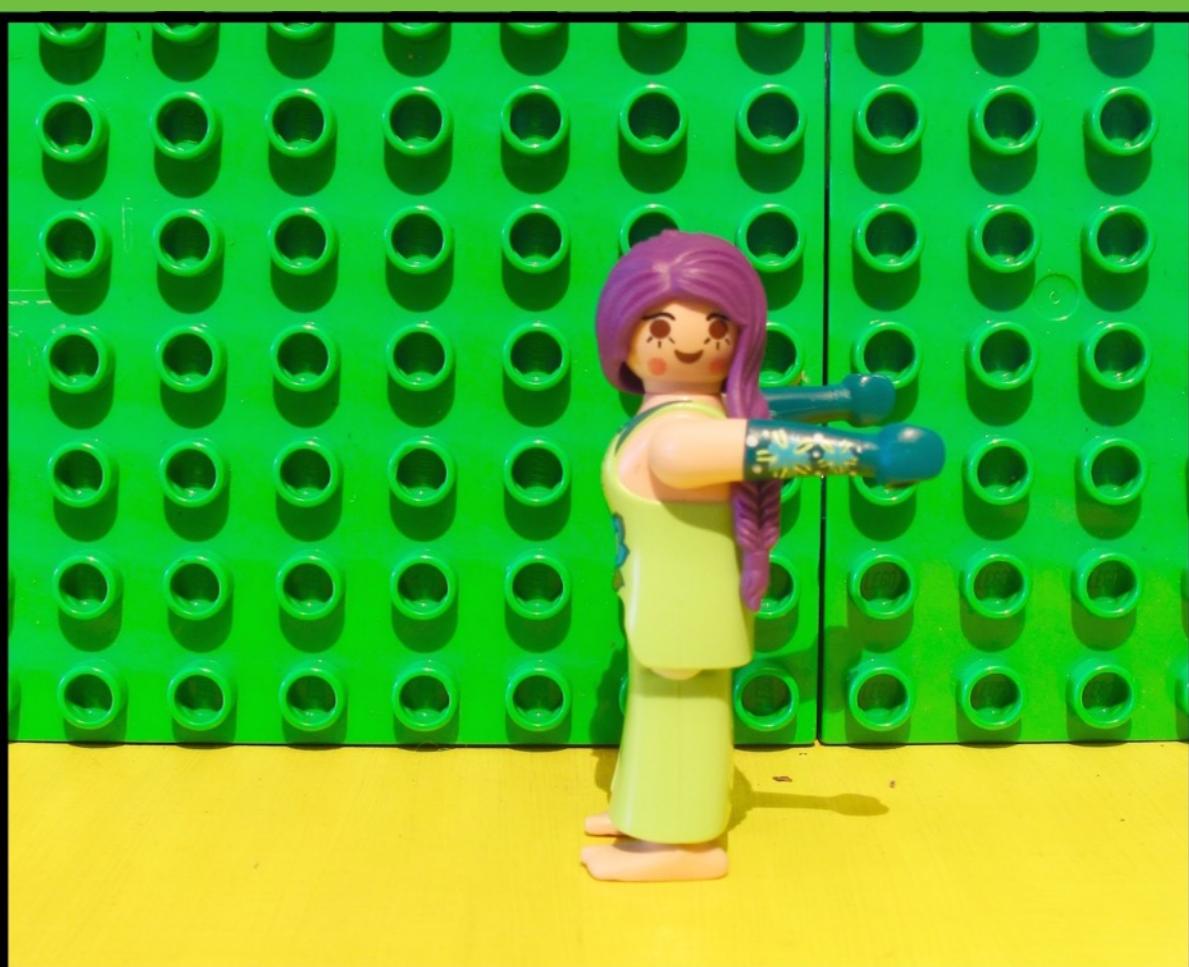
DWDM, ER4, ZR4: CPAK, CFP4, QSFP28

Metro, > 10km

tataaa...

QSFP28

CFP2

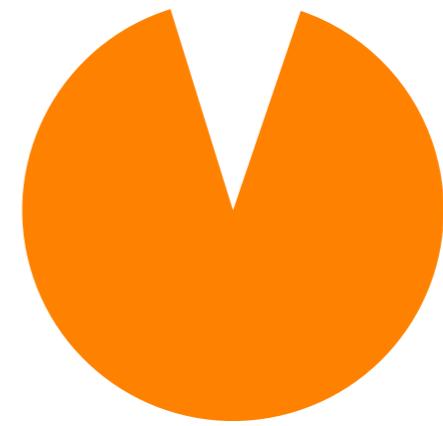
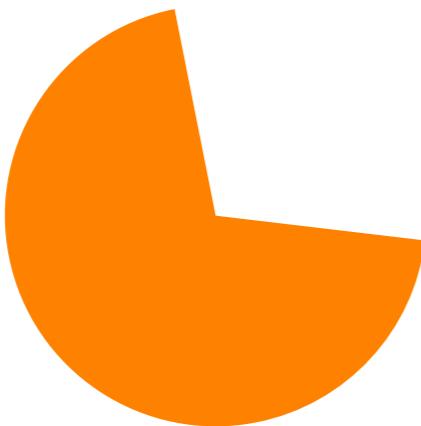




THE FUTURE



THE FLEXBOX CREATORS



contributors

Pictures: Faheem and Gert

Models: Thomas

Highway: traffic jam at A3

Flexoptix GmbH - October 2015