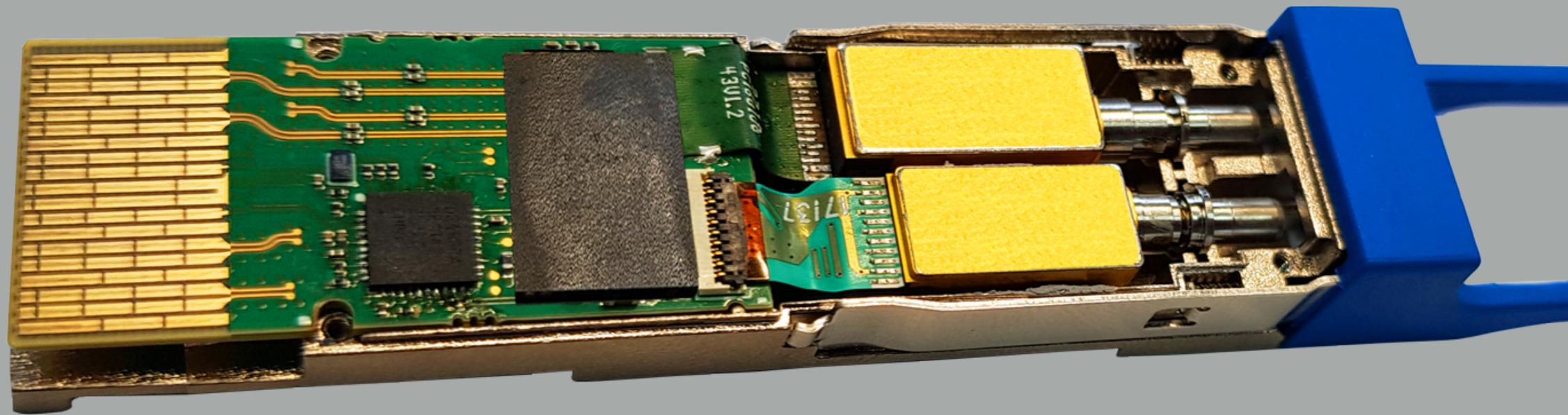


the complexity of hyper speed transceivers

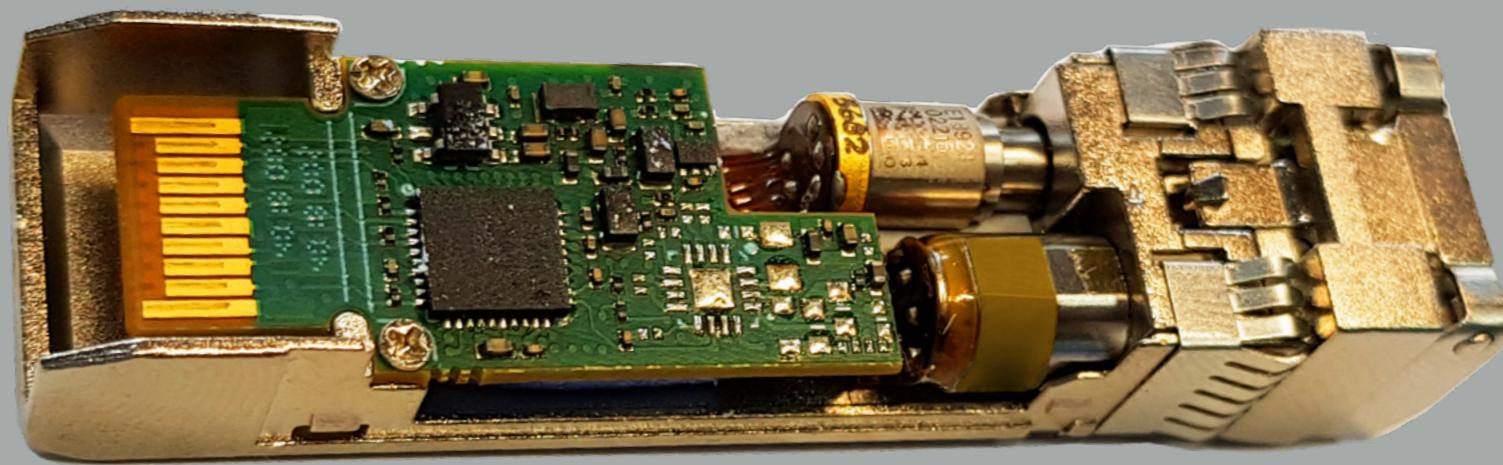


lets make it

400G

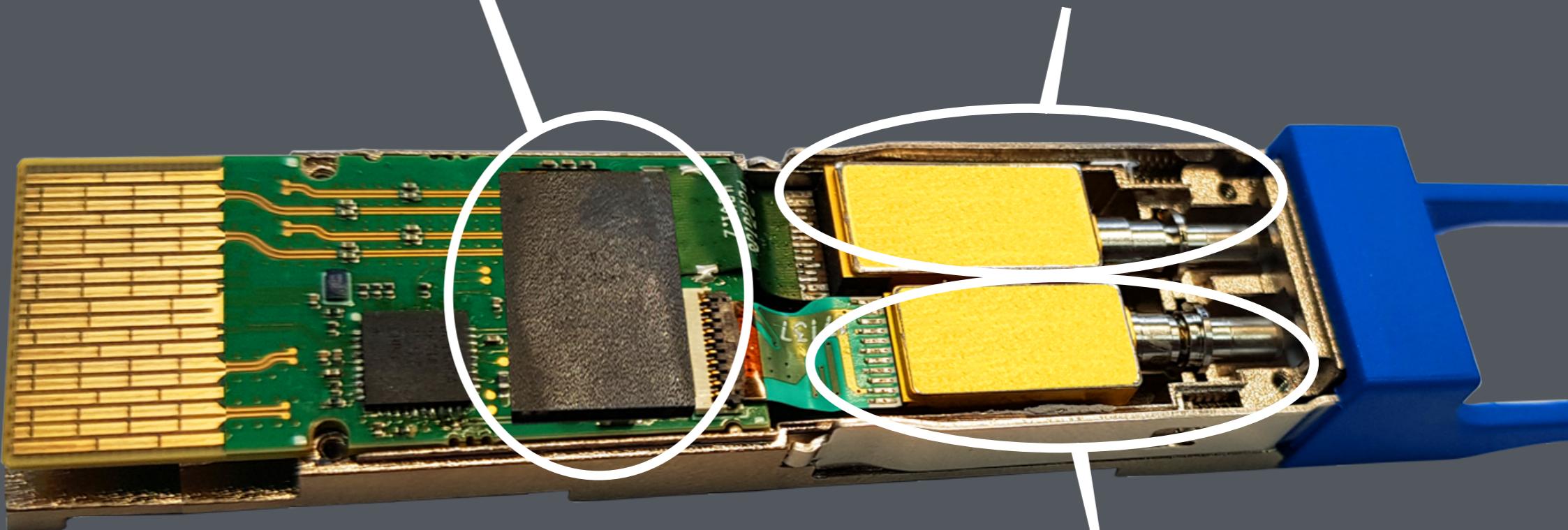


10G



DigitalSignalProcessor

TRANSmitter



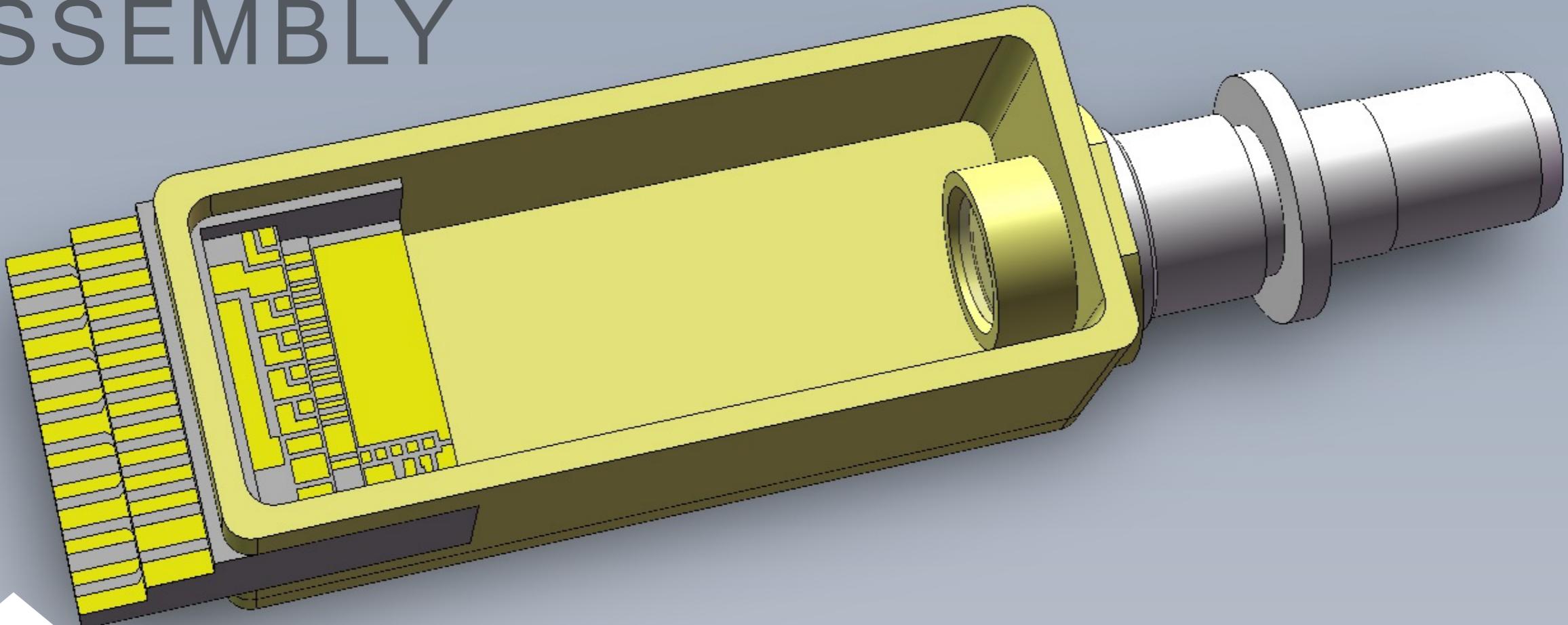
reCEIVER

TRANSMITTER

T
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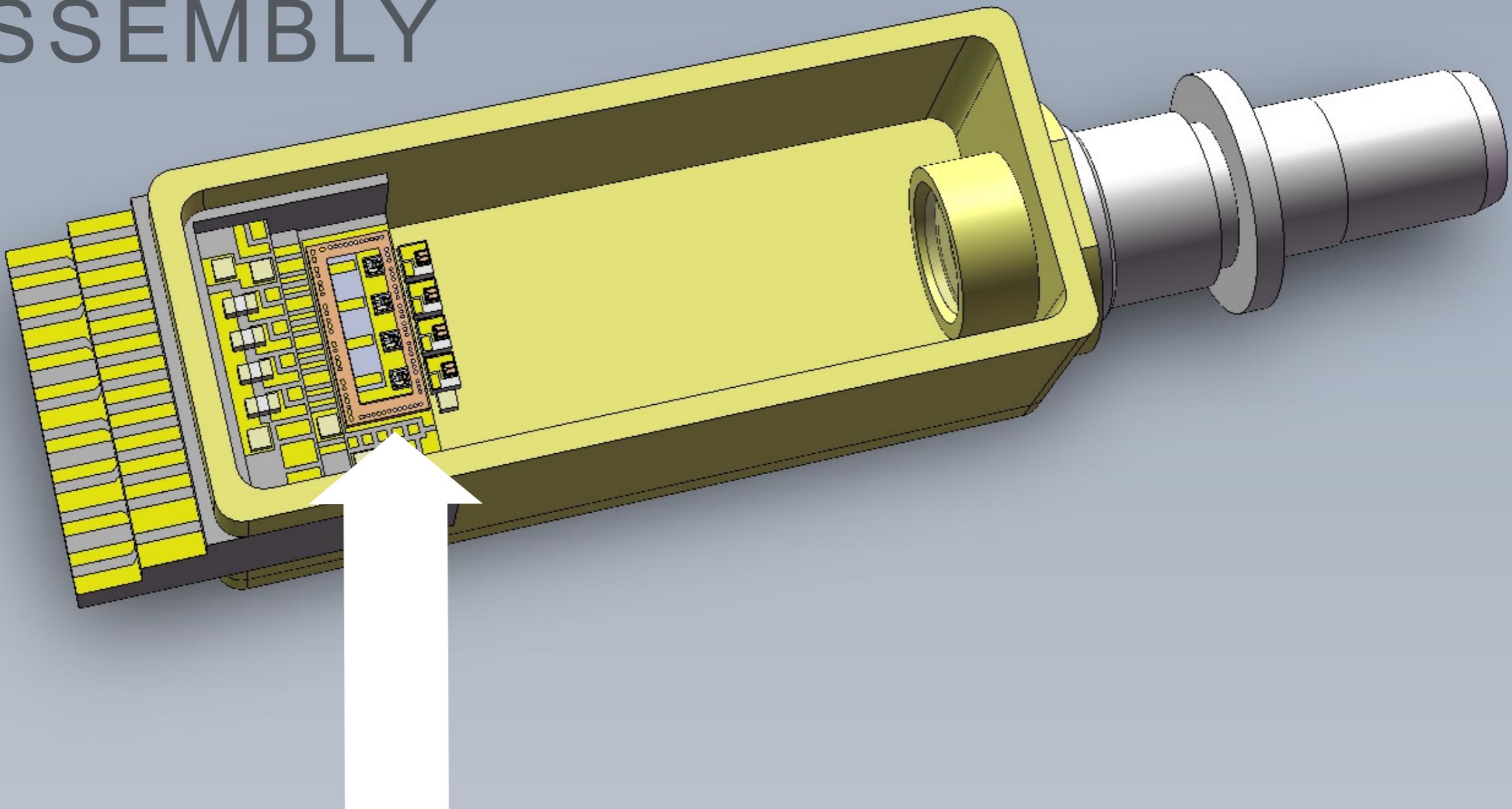


electrical connector

T
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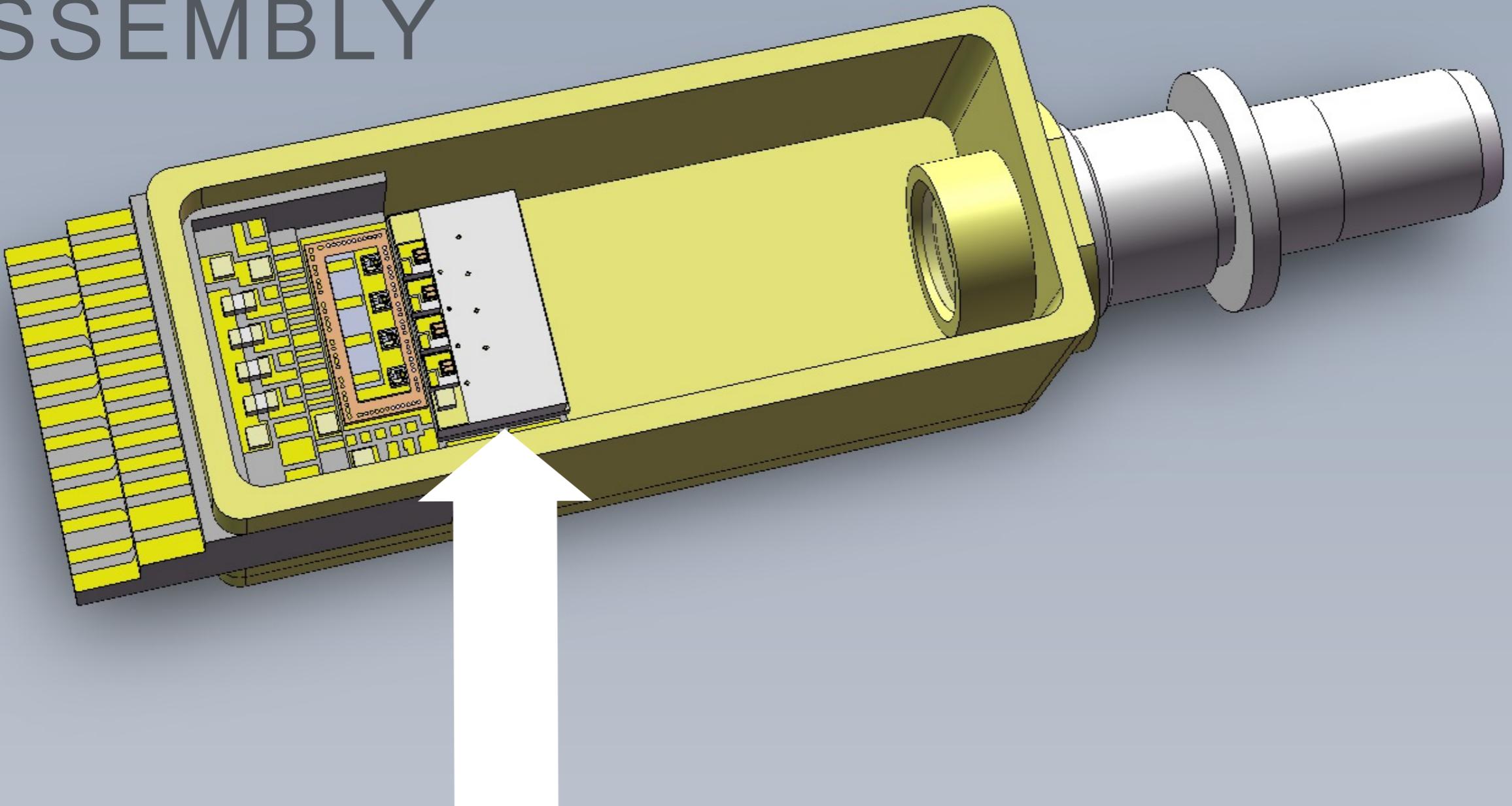


laser diodes

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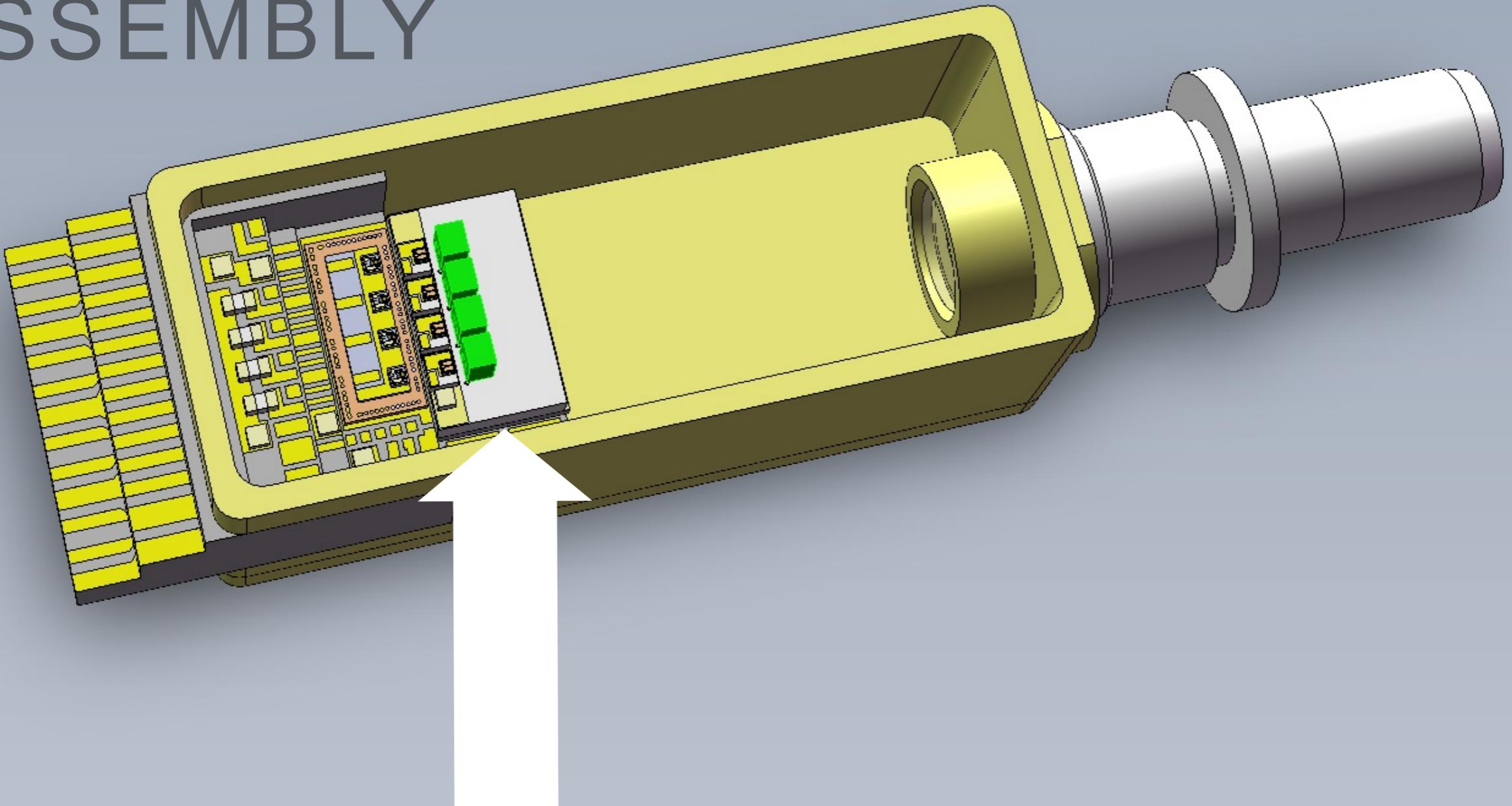


cooler

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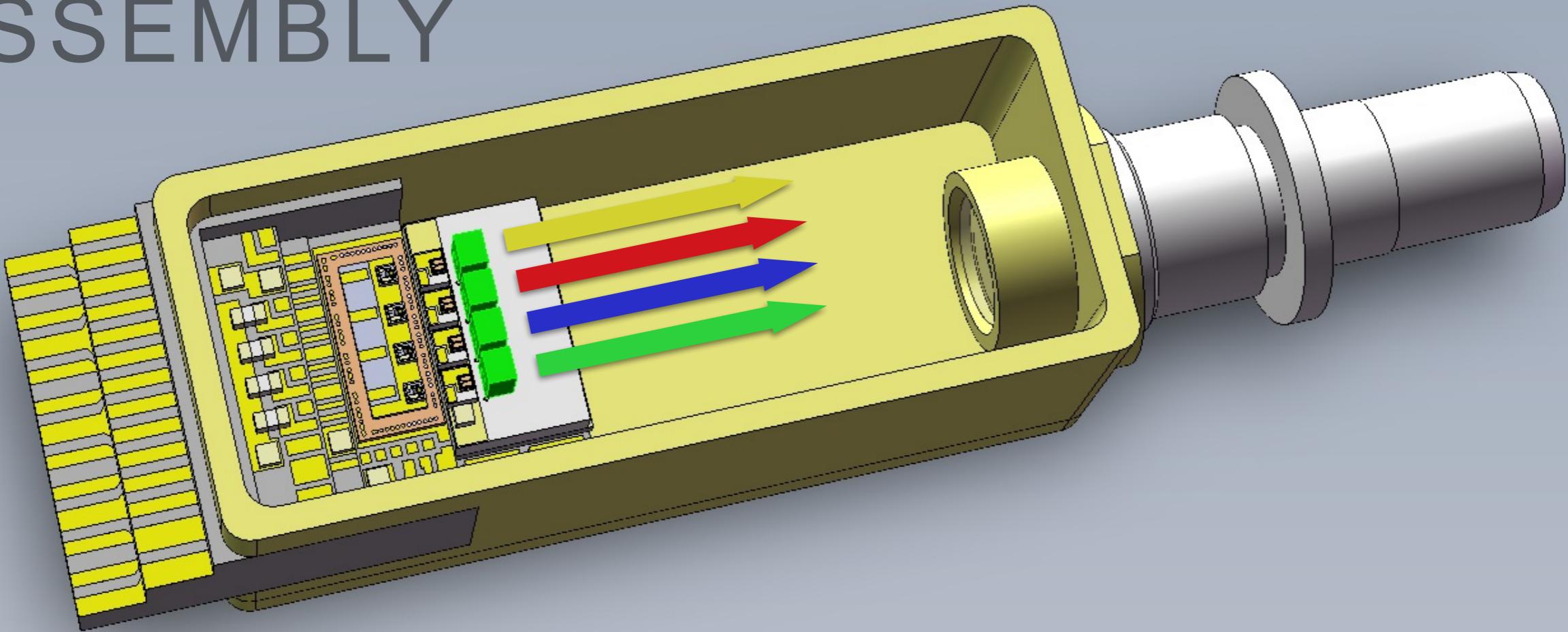
optical lenses

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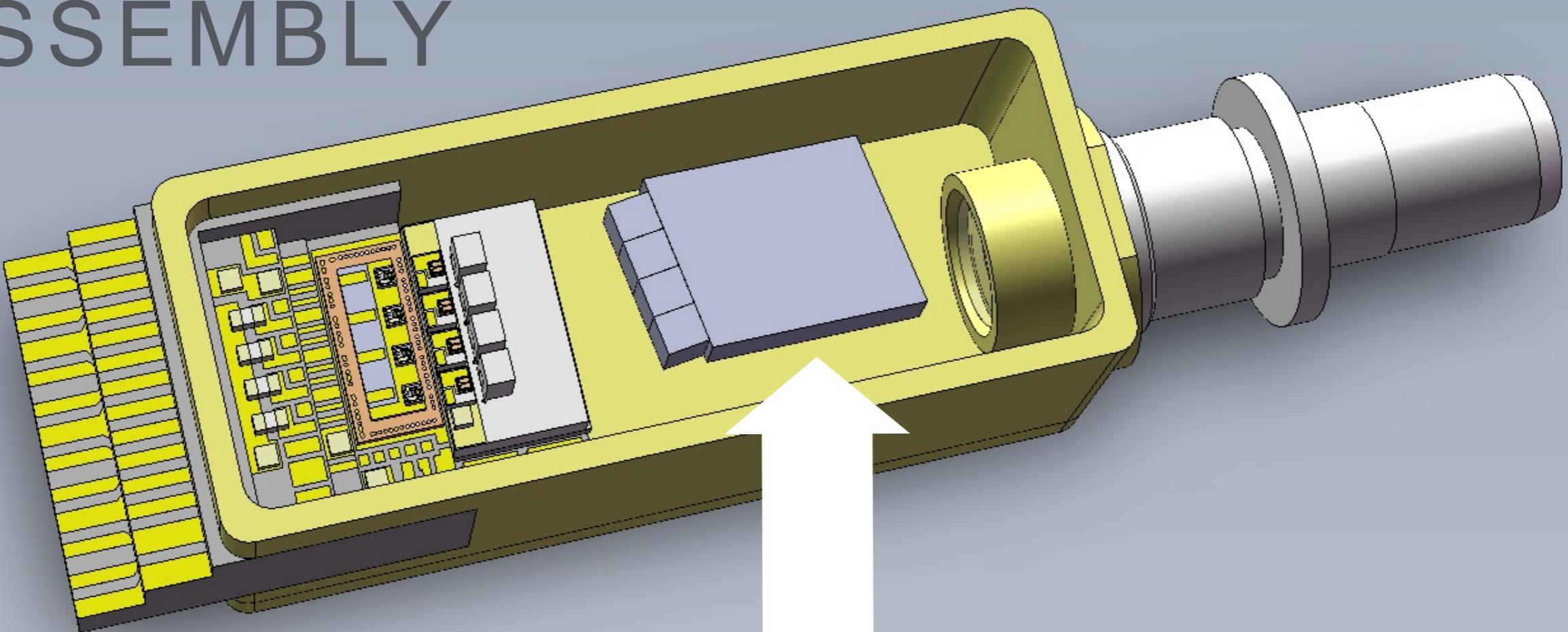
A
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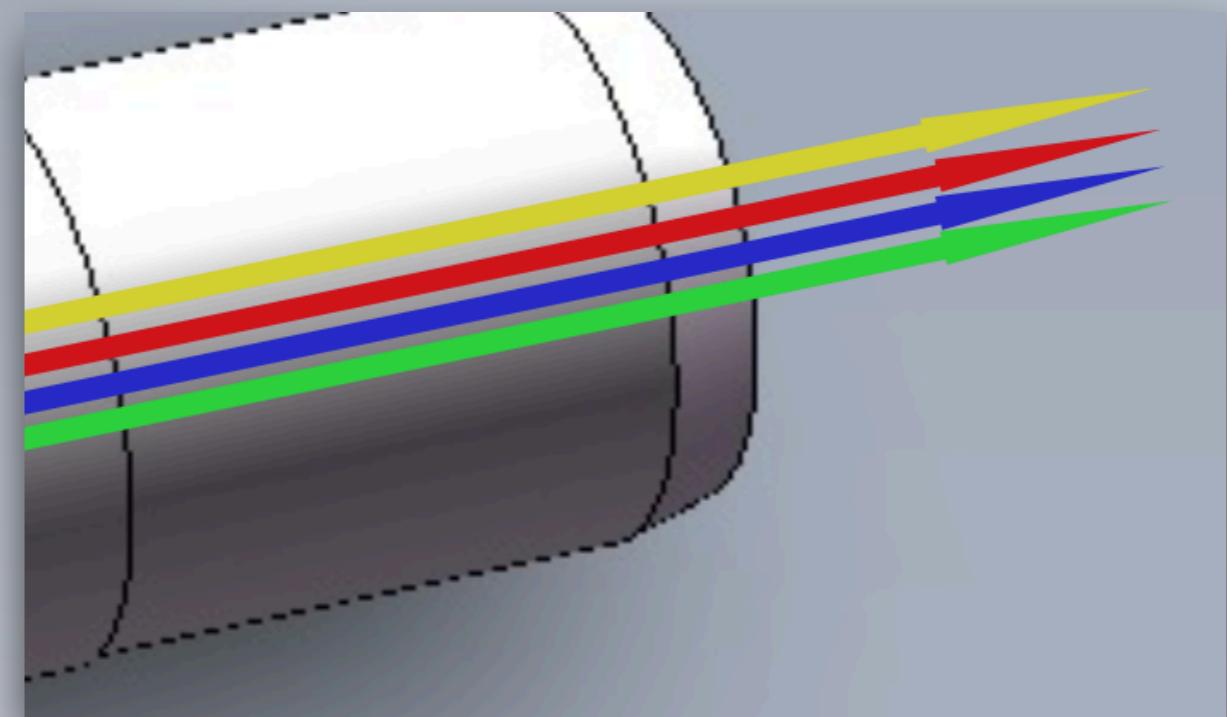
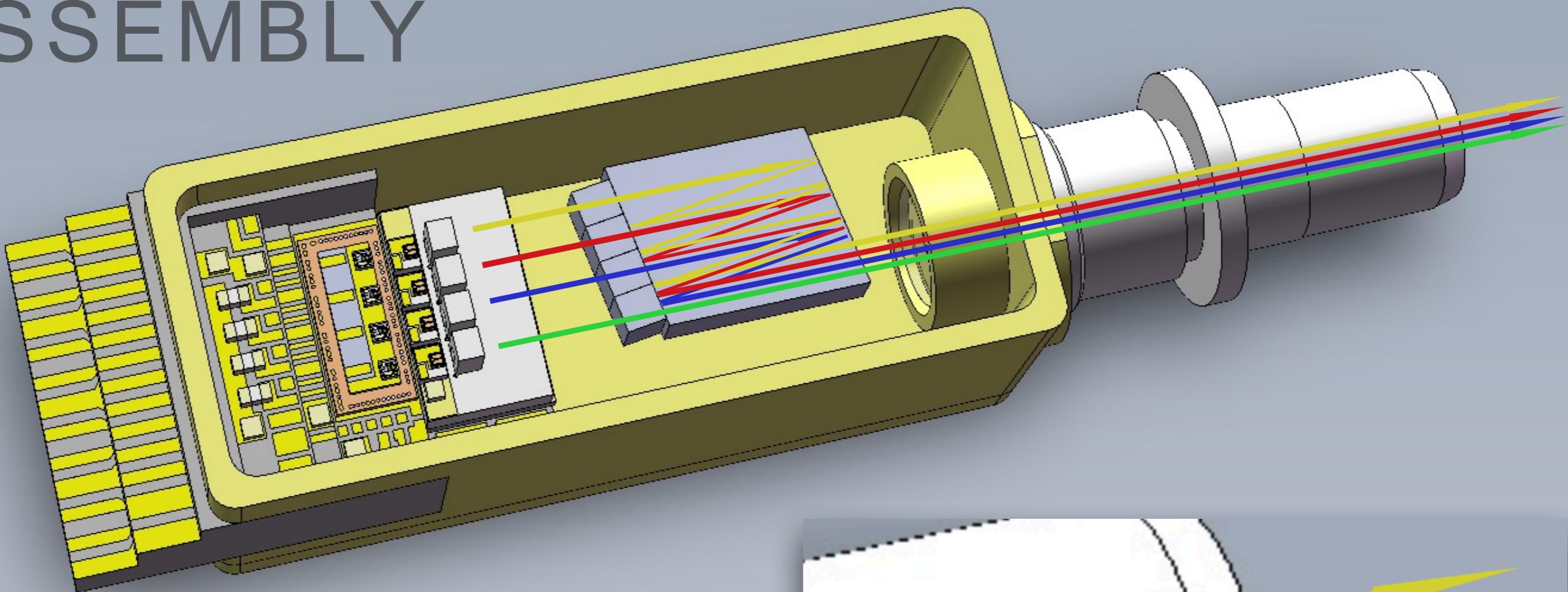
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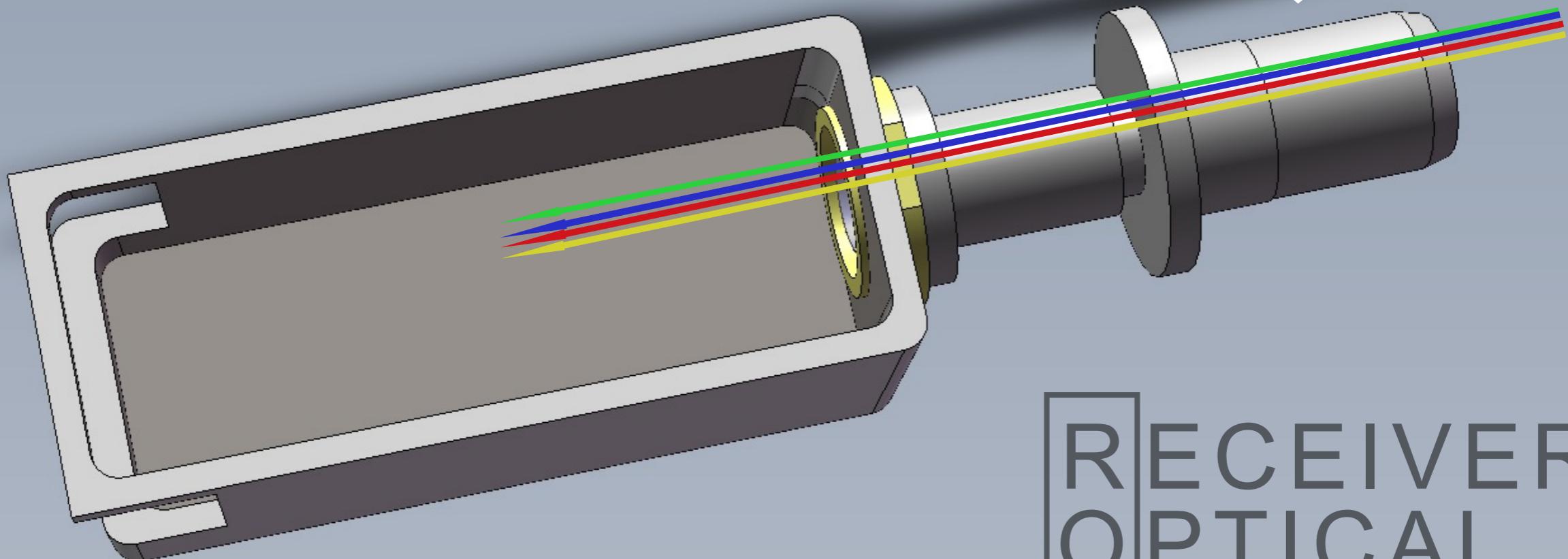
optical multiplexer

T R A N S M I T T E R O P T I C A L S



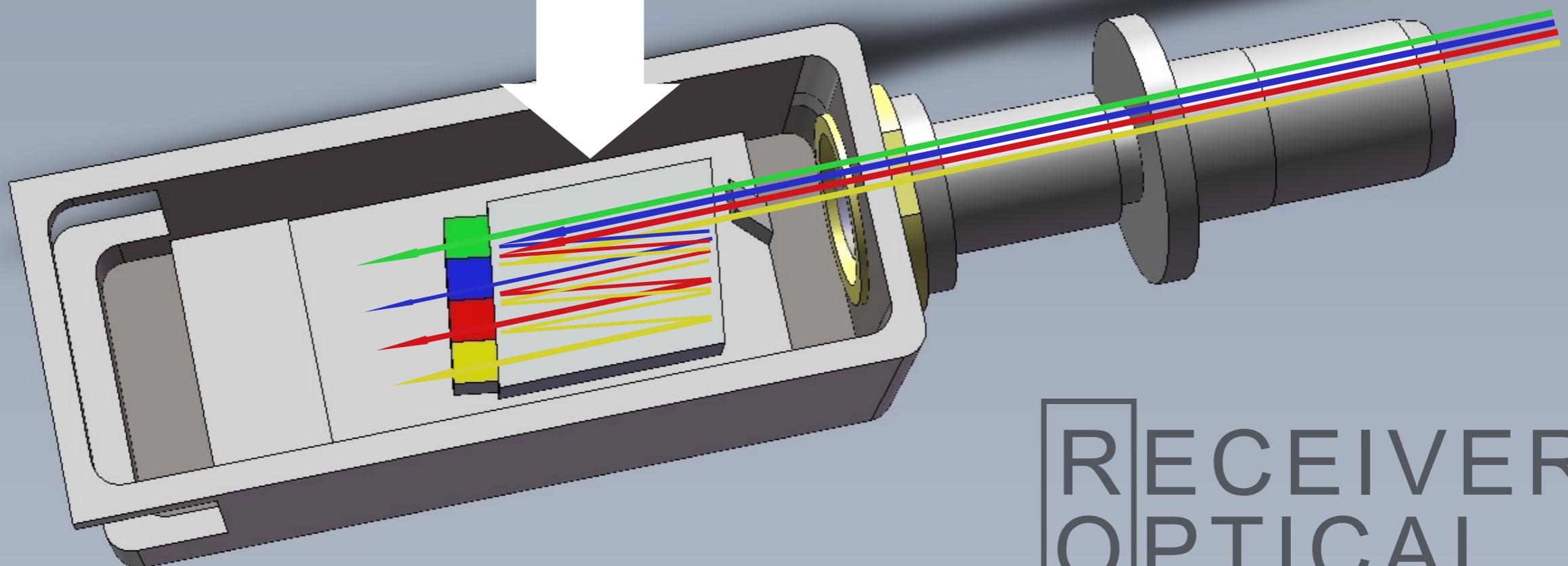
RECEIVER

optical receptacle



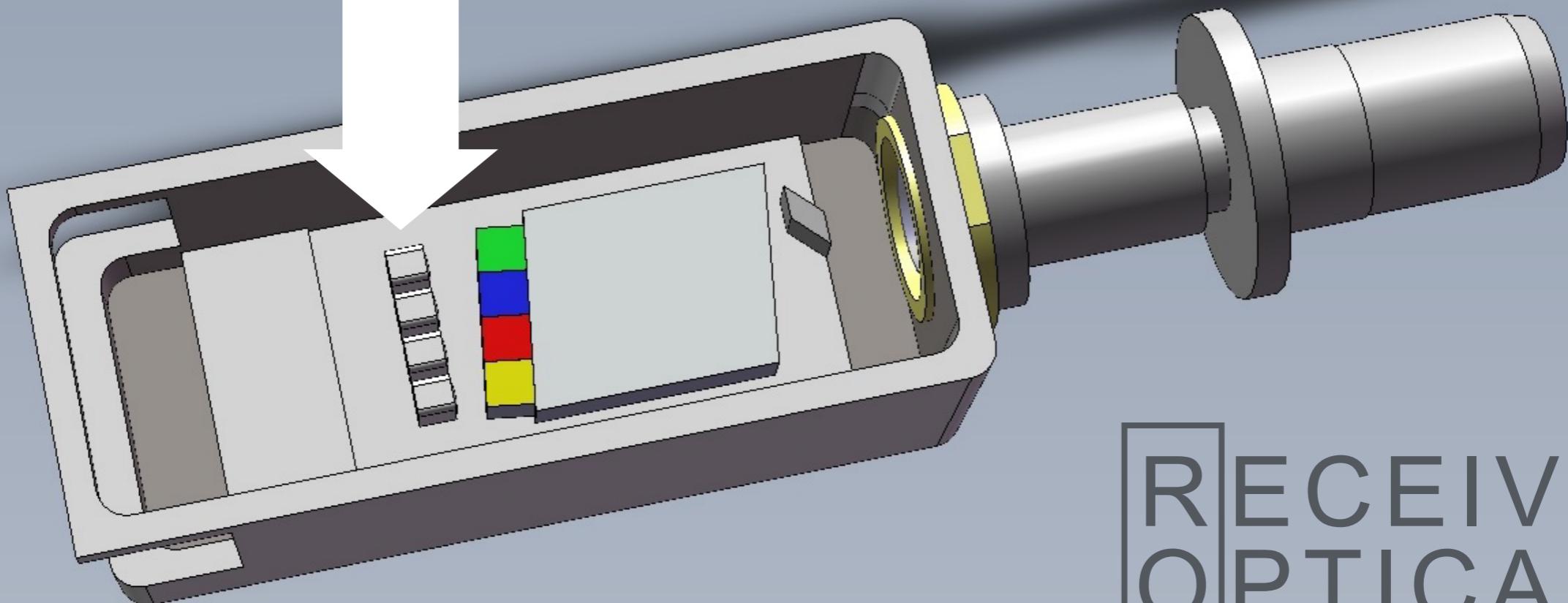
RECEIVER
OPTICAL
SUB
ASSEMBLY

optical demultiplexer



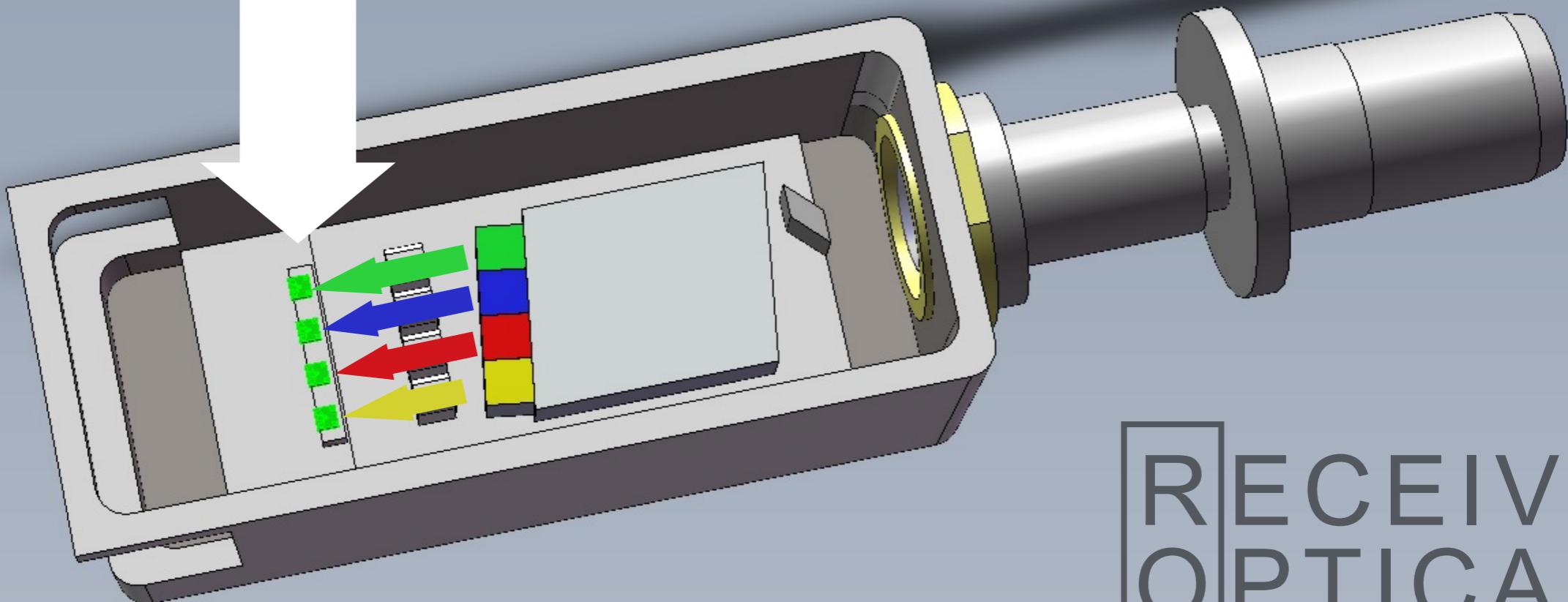
RECEIVER
OPTICAL
SUB
ASSEMBLY

optical lenses



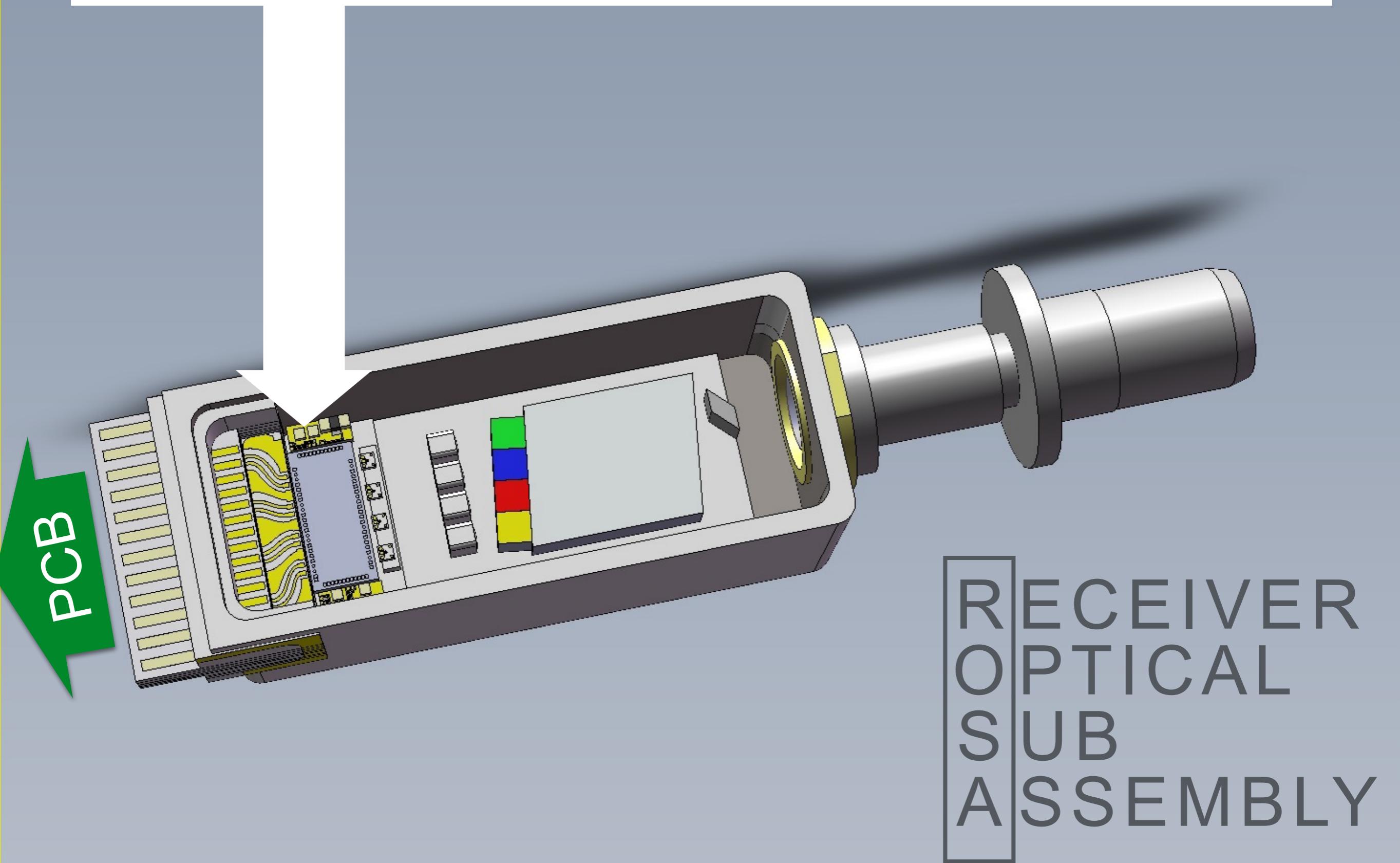
RECEIVER
OPTICAL
SUB
ASSEMBLY

PIN diode

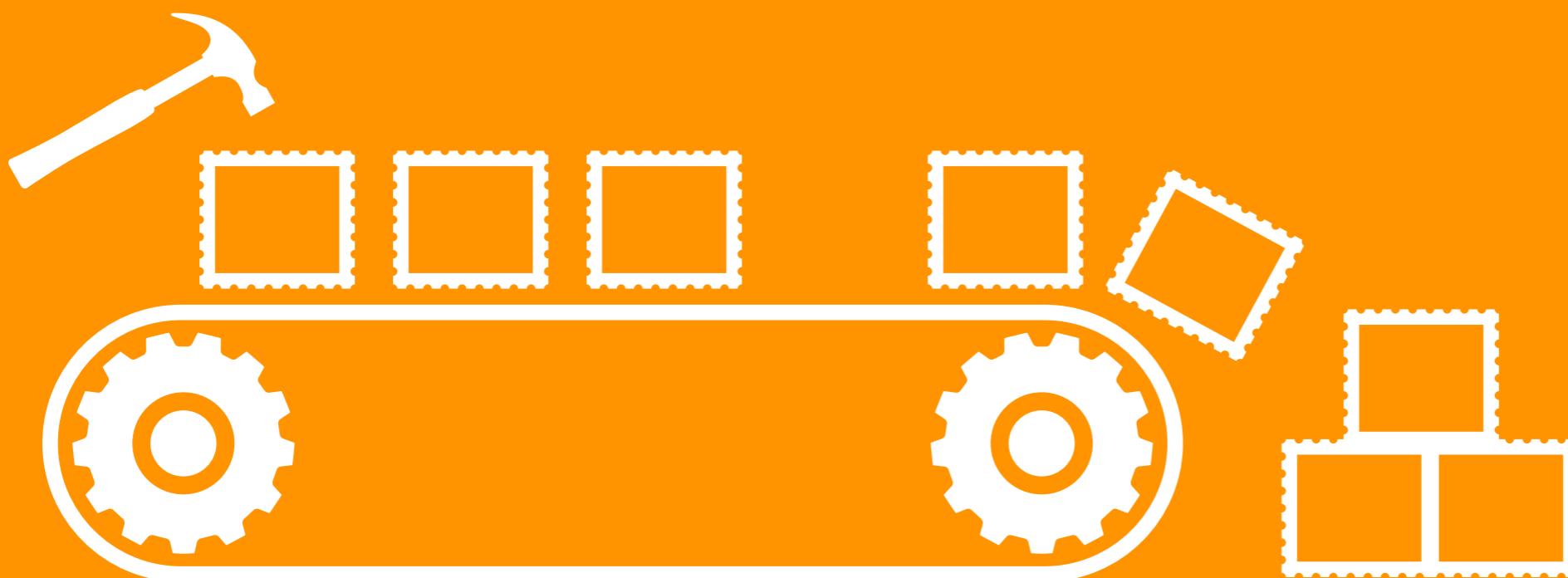
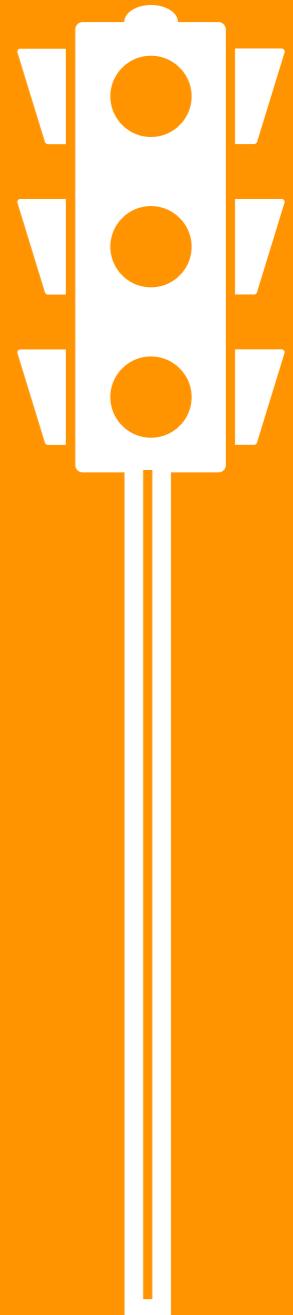


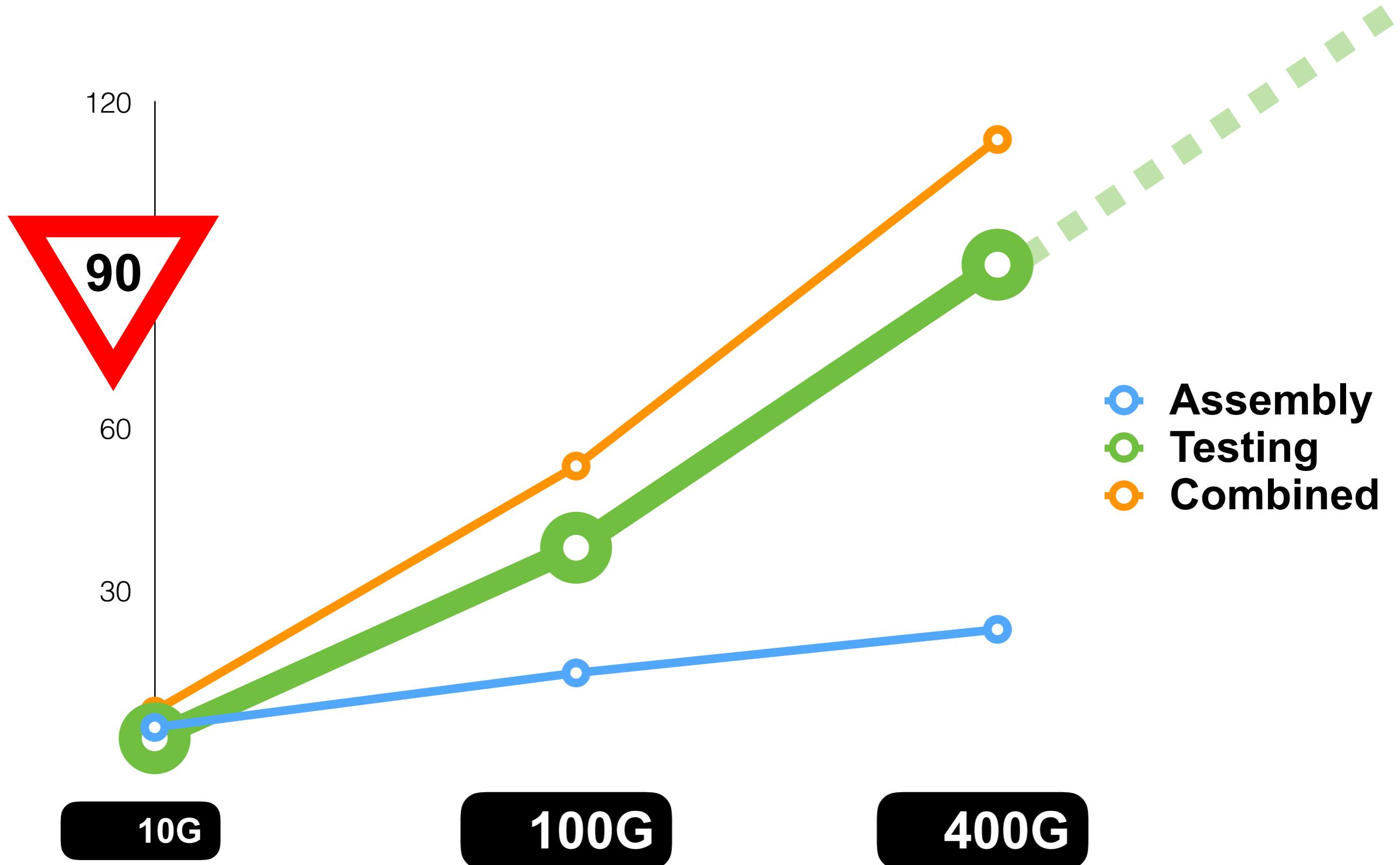
RECEIVER
OPTICAL
SUB
ASSEMBLY

amplifier



production





TIME IN G

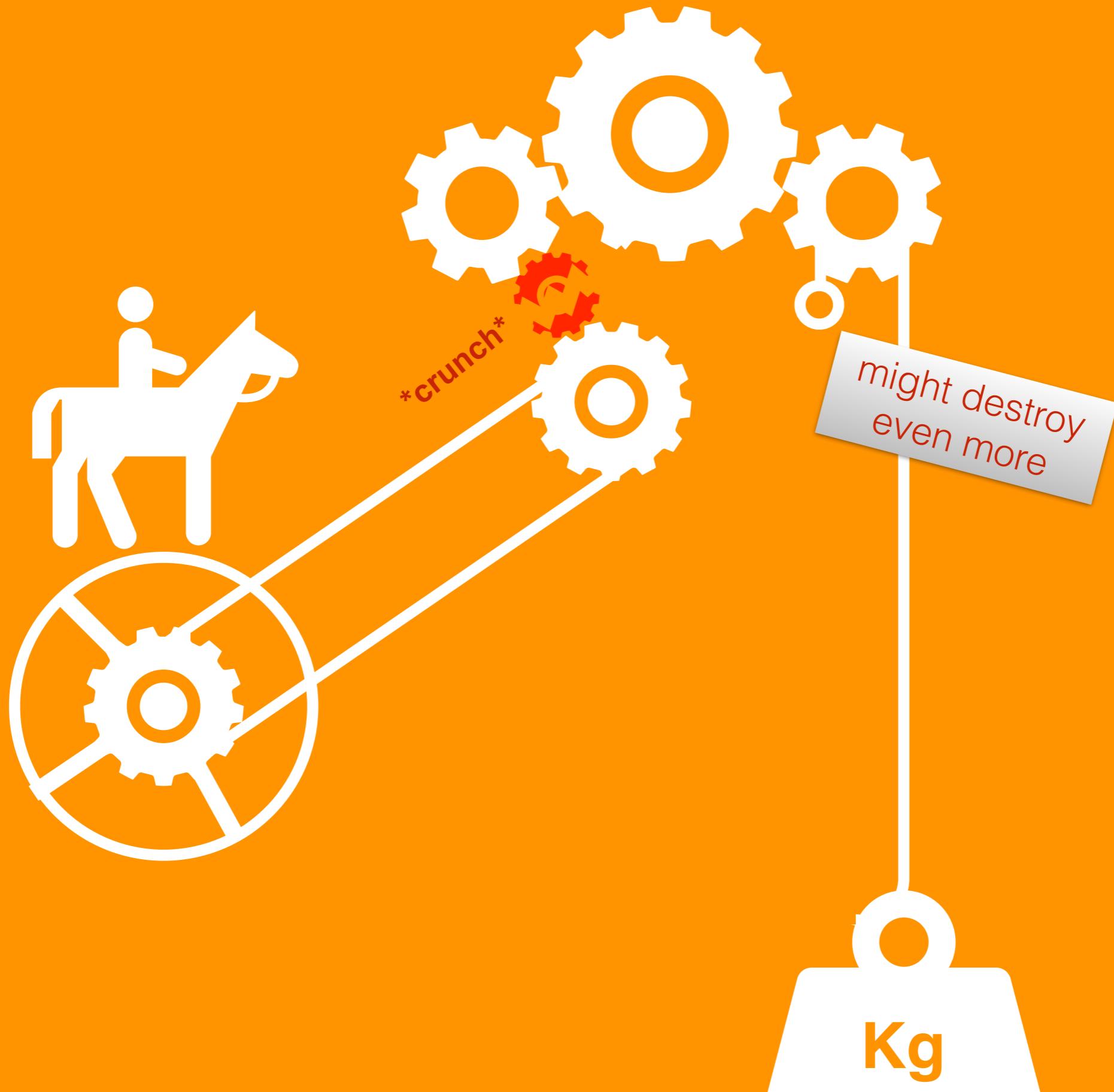


0°C

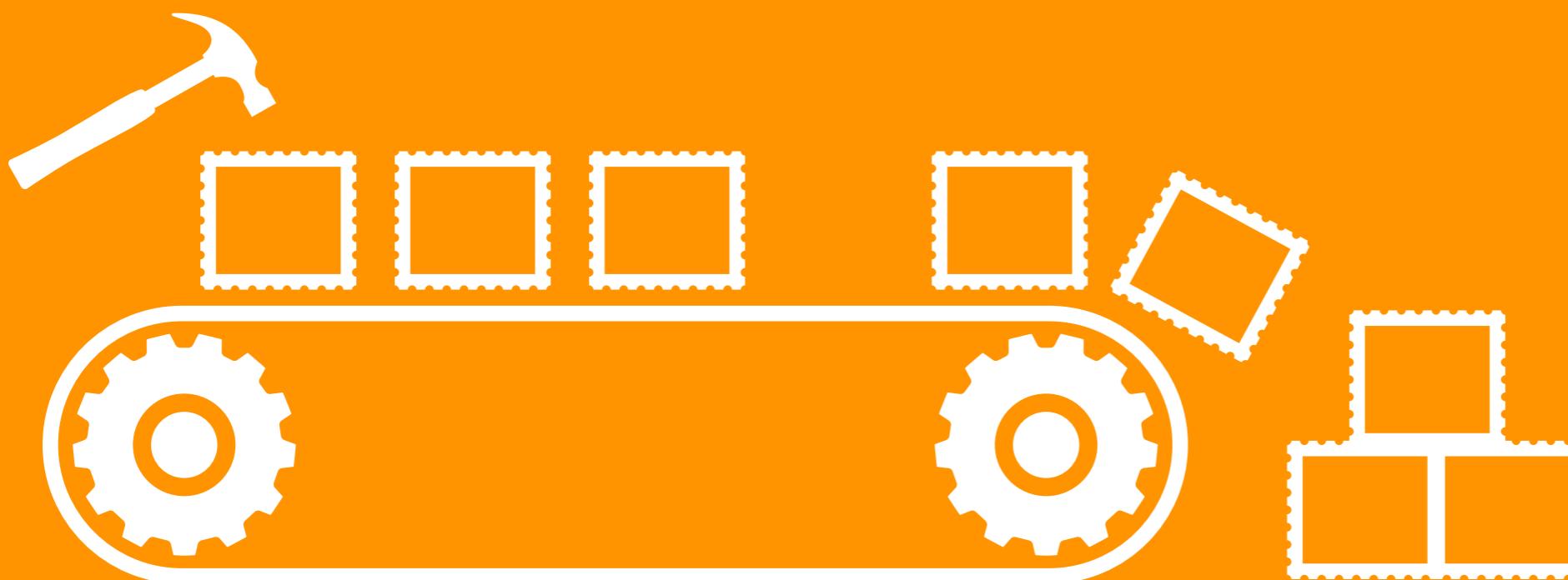
+70°C

TEMPERATURE





production



Forward Error Correction



100G



Switch

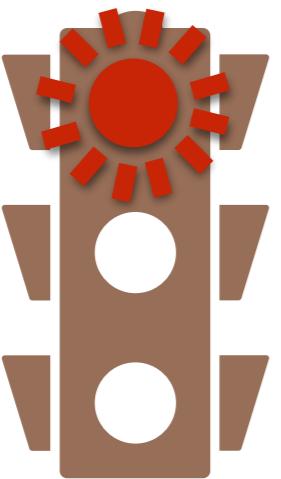
Switch



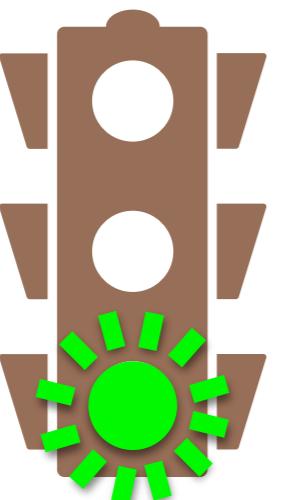
1



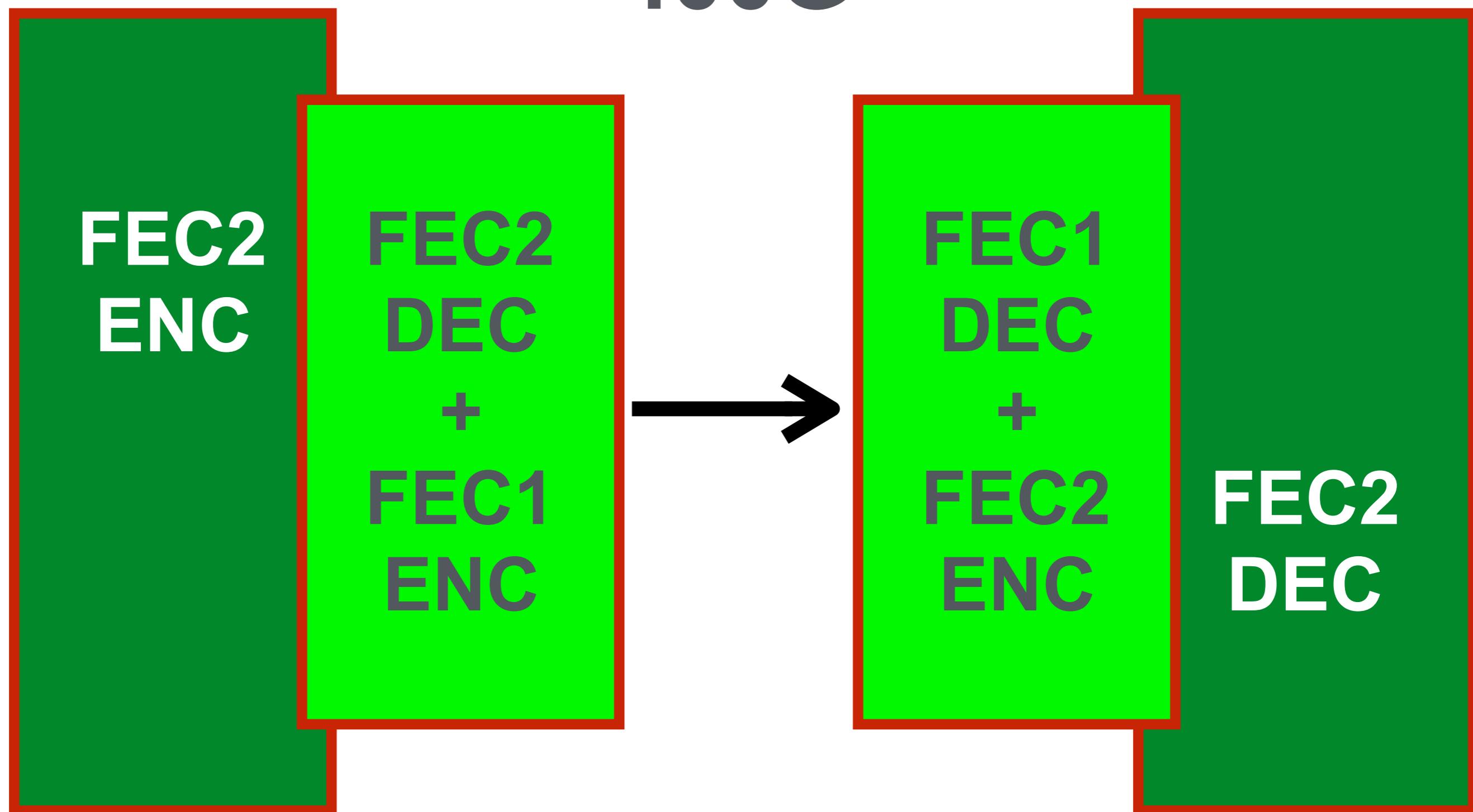
2



3

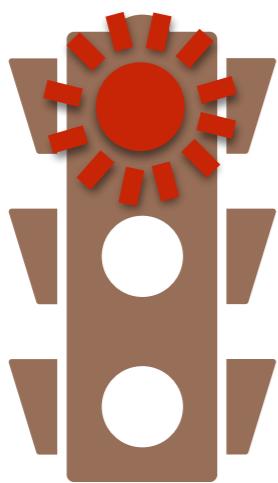


400G



Switch QSFP-DD
OSFP

QSFP-DD OSFP Switch



unequal # of
FEC's in line

A photograph of three wooden toys on a dirt path. On the left is a yellow and black car with a wooden handle. In the center is a yellow and black excavator with a wooden handle. To the right is a stack of colorful wooden blocks (blue, purple, red, orange, green) with a red-bordered white sign on top that says "new".

new

400 G LR4 → CUDR4

100 G ER4 + 2R4

50 G ER



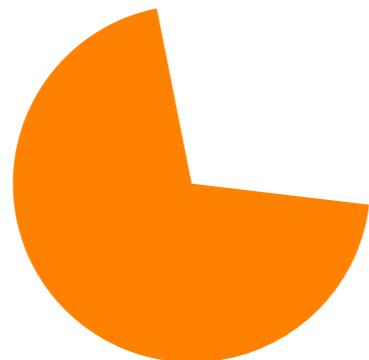


40 G
25 G

DWDM CR

THE FLEXBOX CREATORS

THOMAS.WEIBLE@FLEXOPTIX.NET



1
revolutionary
developments



56
flexpert
experts

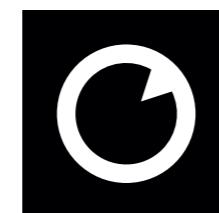


48322
transceiver
compatibilities





THANK YOU



FLEXOPTIX