

# Packaging requirements of Active Optical Cable Assemblies

## Paradigm Notes TE CIS OPG

Data Communication, Optical Products Group

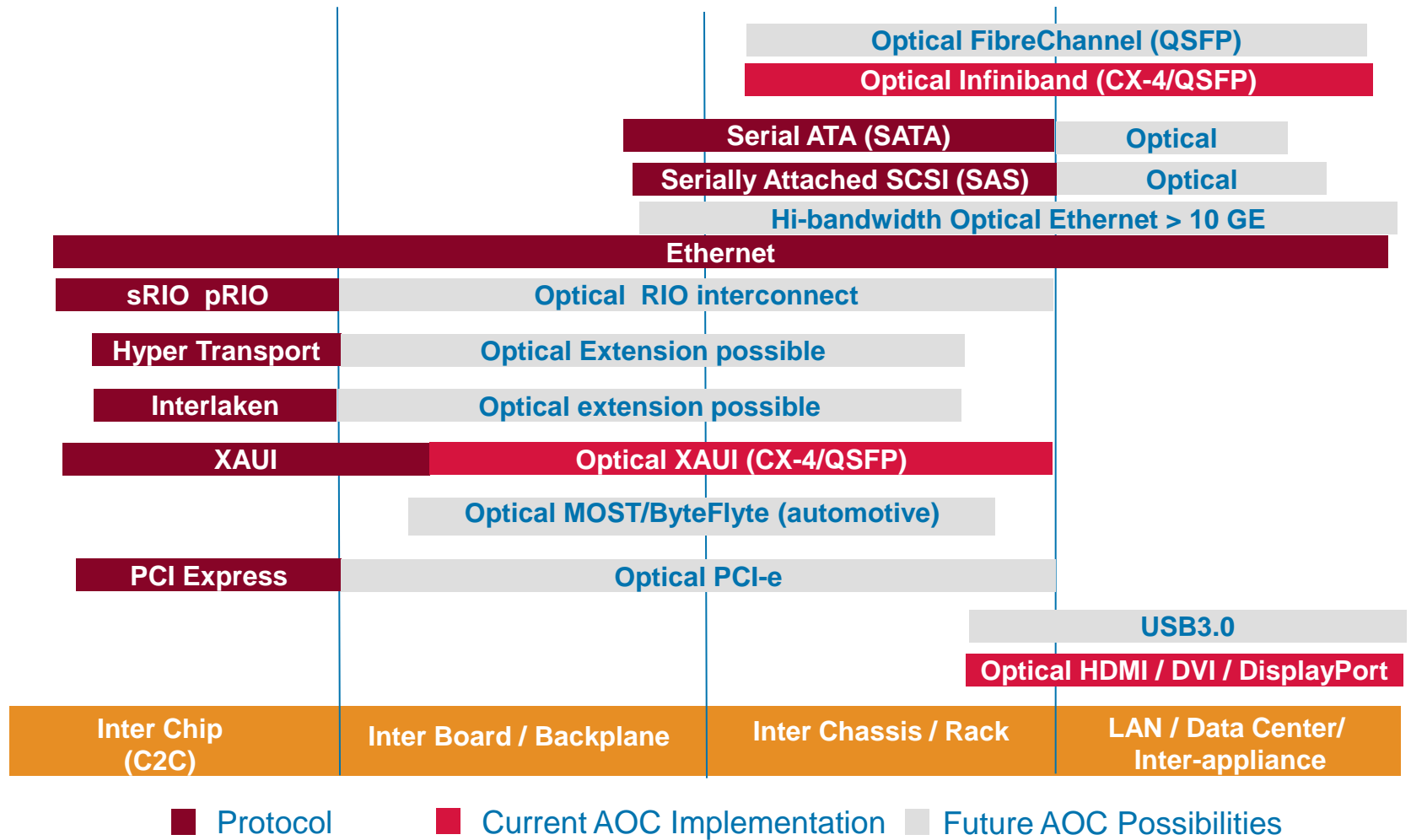
Michiel Boermans

Business Development

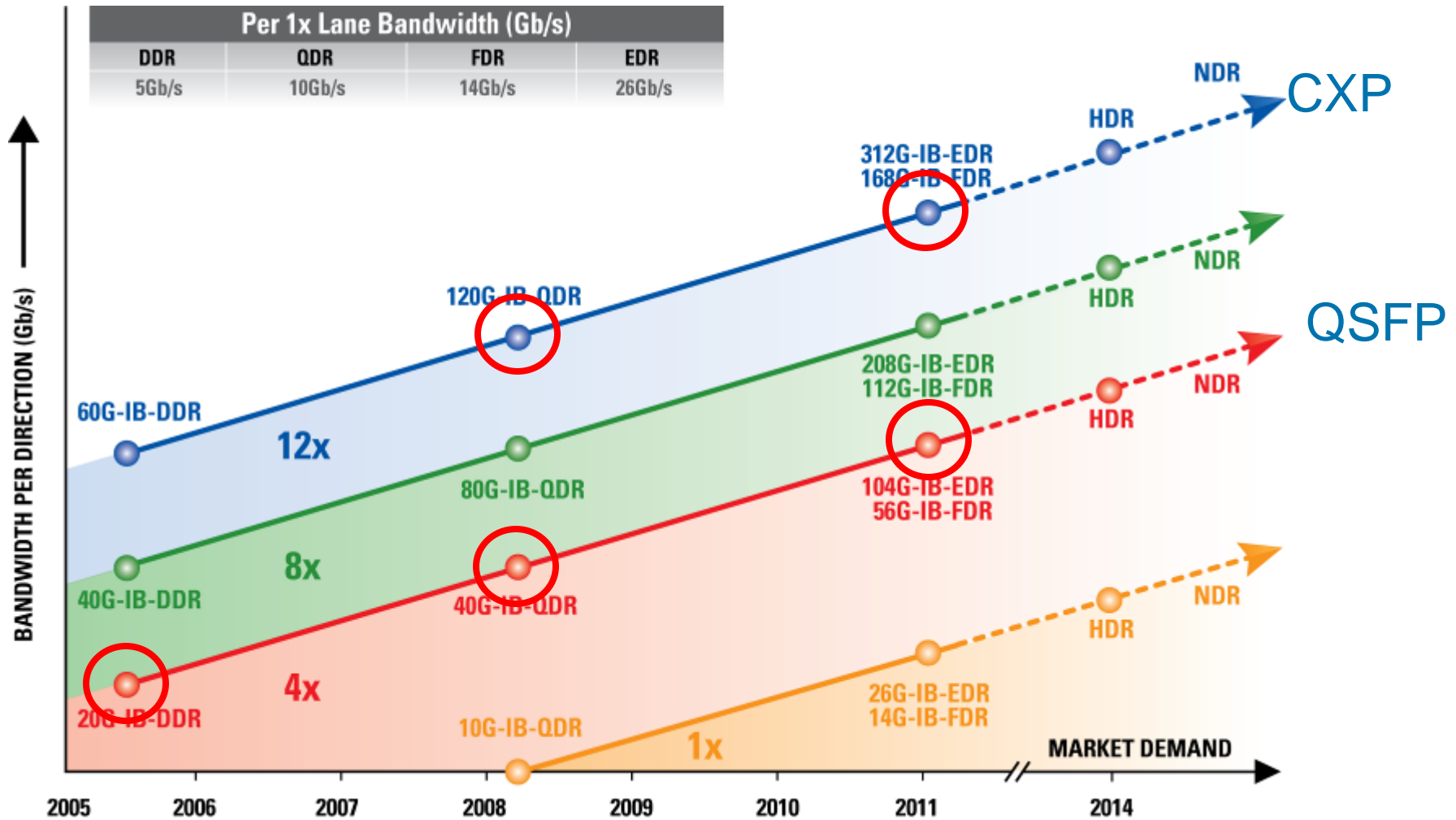
July 11, 2011



# All Protocols Will Go Optical



# IBTA Infiniband Roadmap: HPC's mainly

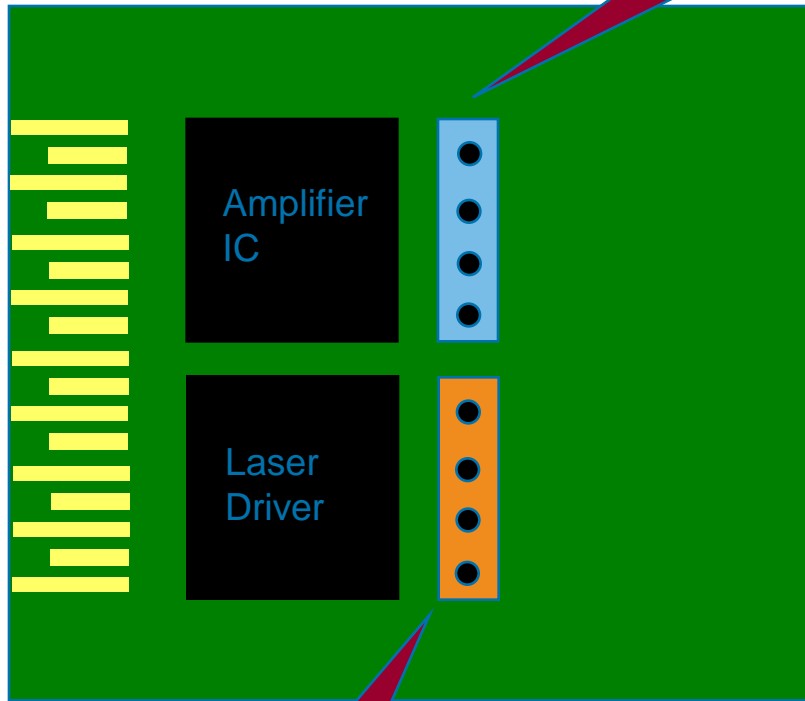


Issued a while ago: so far pretty correct!

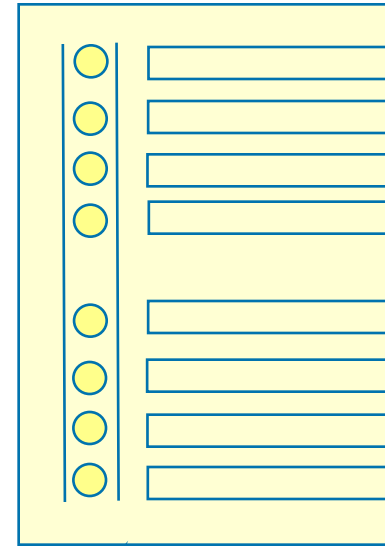
# AOC's, Present day Assembly

System contains Tyco Electronics property

Rx array



Tx array

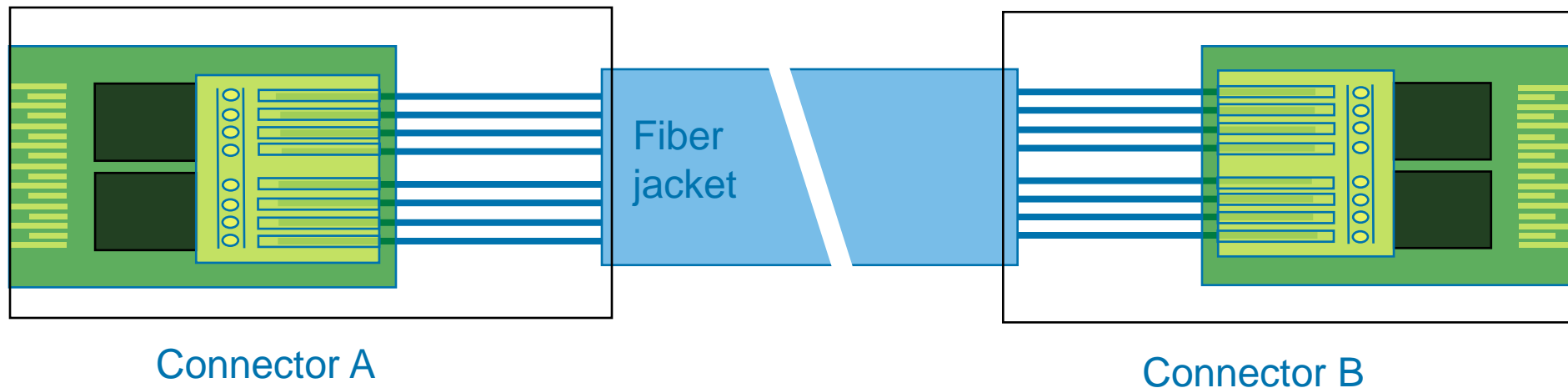


Lens



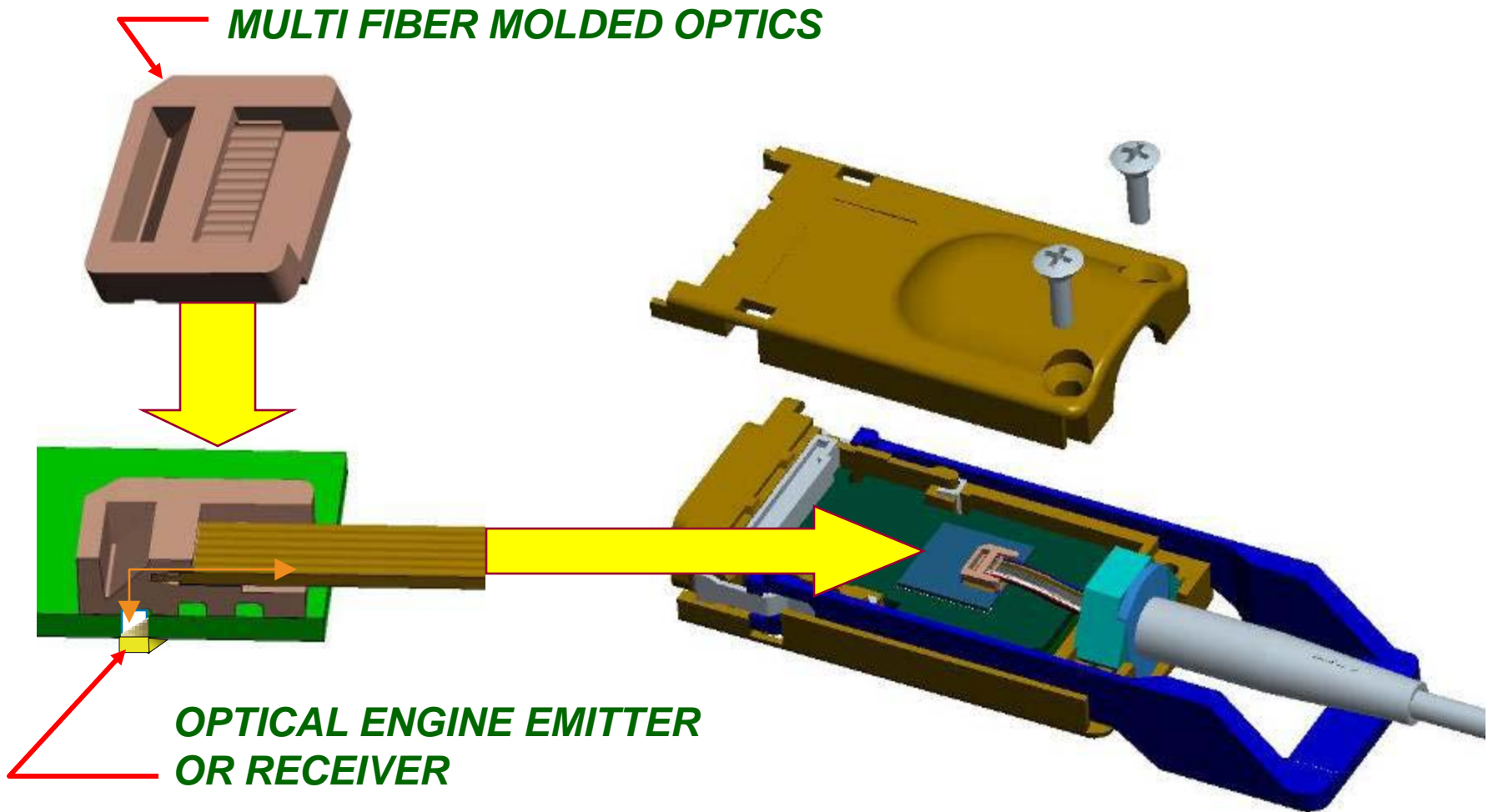
Fibers

# How do they work? 2, Two ends cross connected

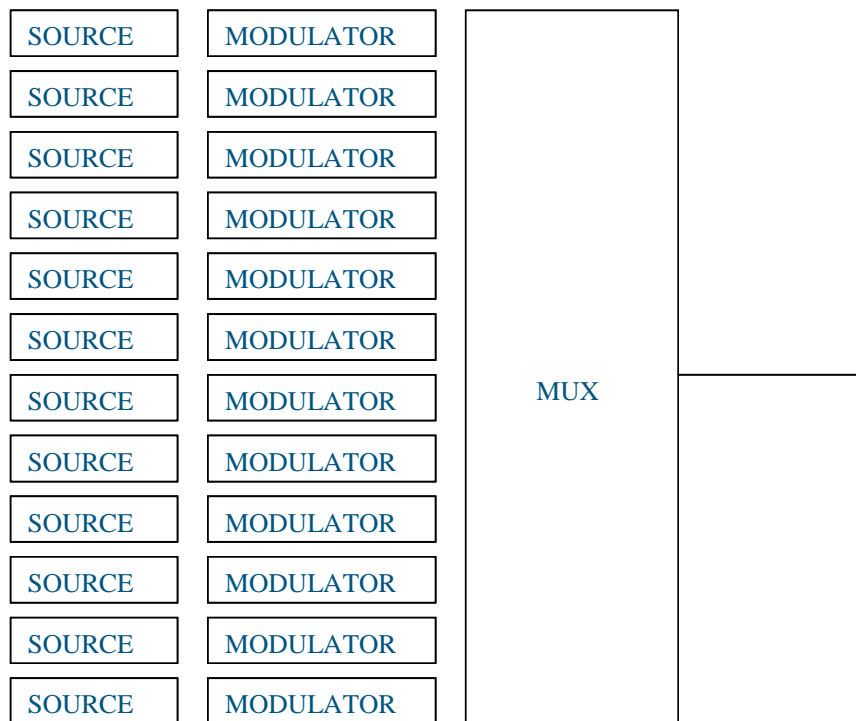


# PARALIGHT - Key Technologies

Molded Optics Interconnect For Multi Fiber Package



# JePPIX EuroPIC InP integrated 'engine'



Coupling to one fiber:

- Single mode
- Smaller tolerances

If automated:

- Lower cost

Delight:

- cost
- Integration: what else?
- Channel count
- User case: distance



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