



5G

OFC 2021

POINT 

For Every Point-to-Point Connection



5G Big Data Center Interconnect

Point2 Technology has a mission to bring to market the industry's most innovative networking solutions designed to meet the voracious and ever-growing bandwidth expectations of large network cloud systems.

As the industry demands faster, more efficient and reliable solutions, Point2 is meeting the challenge with the world's most advanced active electrical cables, RangeXtender™, E-Tube™, C-Tube™ (AEC), and CDRs — all designed to reduce latency and lower system cost.

Data and Traffic Explosion

Expected TAM of \$3 - \$4 Bn in 2021

Source: Dell'Oro Market Research, Ethernet Switch Update, July 2018

x10M



Data Center

x100M



Enterprise & Mobile Infrastructure

x1B



Everything Connected

Data Center Market Growth Driven by AI and Big Data

5G Big Datacenter Interconnect

C-Tube™ (Active Electrical Cable) - 400G QSFP-DD



AOC Disadvantages

- ◆ High Power consumption (~11 Watts/End)
- ◆ Complex manufacturing process
- ◆ High Bill of Material (BOM) cost
- ◆ High cost, \$600 - \$900 per 400G cable



C-Tube™ Key Features

- ◆ Plug-n-play Active Electrical Cable(AEC)
- ◆ Up to 7m Reach
- ◆ Same performance as AOC
- ◆ 50+ % less power than AOC
- ◆ Much lower cost than AOC

C-Tube™ has much lower cost and power than optical cables

C-Tube™ Cable

PT-QD20132

400G QSFP-DD



KEY FEATURES

- ◆ 8-lanes with Data Rate 400G (56Gx8)
- ◆ Up to 7 meter Reach (28~30 AWG)
- ◆ Power consumption < 4.5W per side
- ◆ Support CMIS 4.0 and SFF8646
- ◆ BER < 10^{-8} (without-FEC)
- ◆ On-the-fly calibration
- ◆ Much lower cost than optical cables

C-Tube™ is the solution for high-speed, short cables

Thank you !
**We look forward to be
part of your system**

Contact : info@point2tech.com