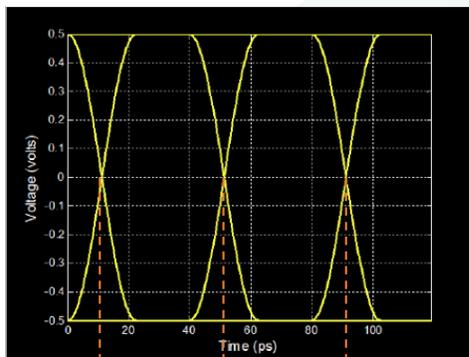


## PAM4 DWDM TECHNOLOGY

- » UNPRECEDENTED LEVEL OF COST EFFICACY AND ROI FOR 100GB DCI
- » 8 OR 40 CHANNEL DWDM MULTIPLEXER (REACHING DISTANCES UP TO 80KM)
- » INDUSTRY DEFINING 1U IN AN OPEN-NETWORKING SYSTEM

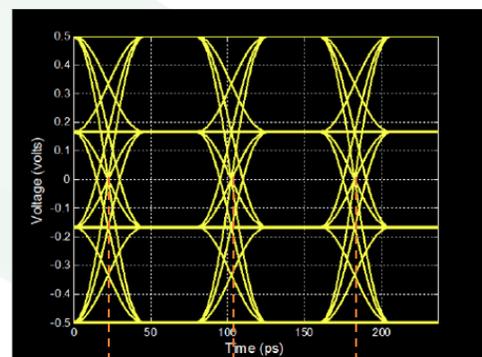
### NRZ MODULATION



0      0      1

100Gbit/s per 25GHz

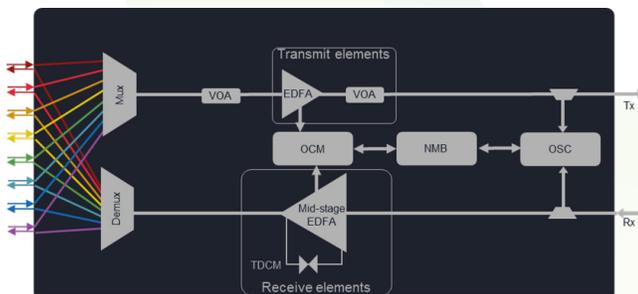
### PAM4 MODULATION



00      01      11      10

50Gbit/s per 25GHz

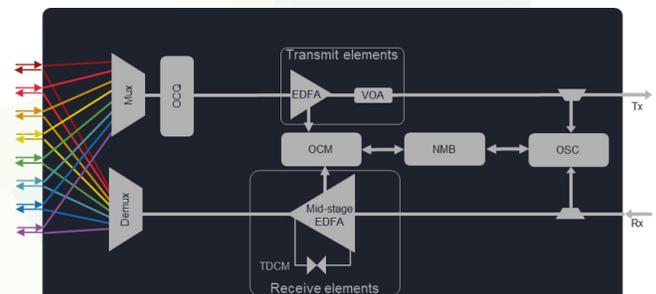
### DCP-M8-PAM4



#### KEY ADVANTAGE

- » Support for 8 x ColorZ PAM4 wavelengths
- » Automatic fiber distance measurement and dispersion compensation setting
- » Complete zero-touch automatic optical setup, just like using a passive multiplexer
- » Optical performance, 0-70km, 0-20dB

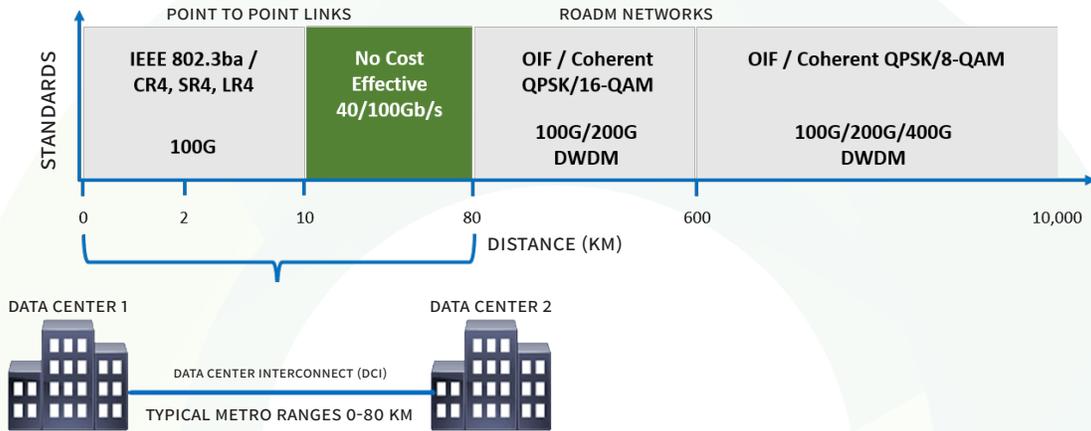
### DCP-M40-PAM4



#### KEY ADVANTAGE

- » Support for 40 x ColorZ PAM4 wavelengths
- » Automatic fiber distance measurement and dispersion compensation setting
- » Complete zero-touch automatic optical setup, just like using a passive multiplexer
- » Optical performance, 0-70km, 0-20dB

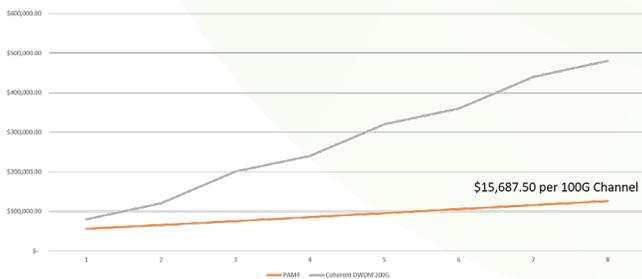
# WHY PAM4 DWDM QSFP28?



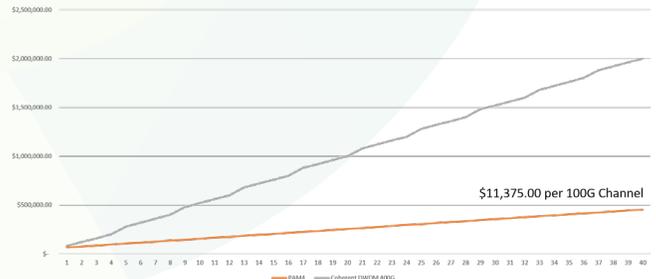
OPERATING RANGE FOR PAM4 DWDM ENABLES COST EFFICIENT 40/100GB/S INTERCONNECTIONS IN METRO ENVIRONMENTS

## COST COMPARISON

### PAM4 VS COHERENT DWDM 200G 8 CH SOLUTION



### PAM4 VS COHERENT DWDM 400G 4TB SOLUTION



**WORLDWIDE HEADQUARTERS:**  
 606 OLIVE STREET  
 SANTA BARBARA, CA 93031  
 1-866-602-4674