This demonstration is all about Ethernet. New 400G devices are interoperating with each other over all the mediums you could expect to see Ethernet in (DACs, AOCs, Optics, Backplane) as well as mature ports that would be in the field for years. We also have a glimpse of what’s to come, in the form of Amphenol/TE Connectivity 800G channels driven by Marvell PHY going into Tektronix/Keysight equipment. There are multiple touchpoints of interoperability in every nook and cranny of this fabric; Juniper Networks optics are connecting to Broadcom optics in Cisco Systems, Juniper Networks and Marvell switches through Amphenol, Panduit and TE Connectivity cabling while being driven through by Spirent and Keysight traffic generators and a Teledyne LeCroy protocol analyzer.
PHYSICAL LAYER

100GBASE-CR2 PAM4 L1 ANALYSIS DEMO

Interconnect Participants
- Amphenol
- Panduit
- TE Connectivity

Spirent
Teledyne

Keysight 8040
TE OSFP 800G MCB
Amphenol OSFP 800G MCB

Marvel PHY
888X92160 Demo Board

Keysight Ixia
Vendor Optic

Vendor Optic

Keysight DCA-M

TE Backplane Channel
TE 800G OSFP DAC
Amphenol 800G OSFP DAC

TE OSFP 800G MCB

TE OSFP 800G MCB

800G

800G

Teledyne Lecroy

BOOTH PARTICIPANTS

PANDUIT

TE Connectivity

CISCO

Spirent

OSPIREN™

Juniper Network

Tektronix

Amphenol

MARVELL

TELEDYNE LECROY

Everywhere you look

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