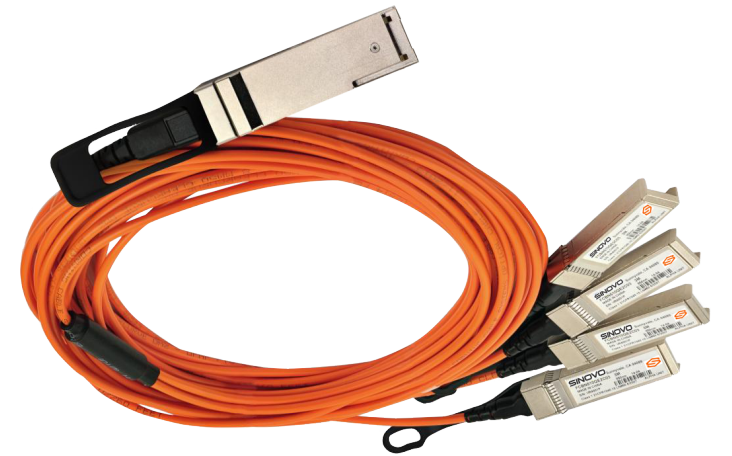
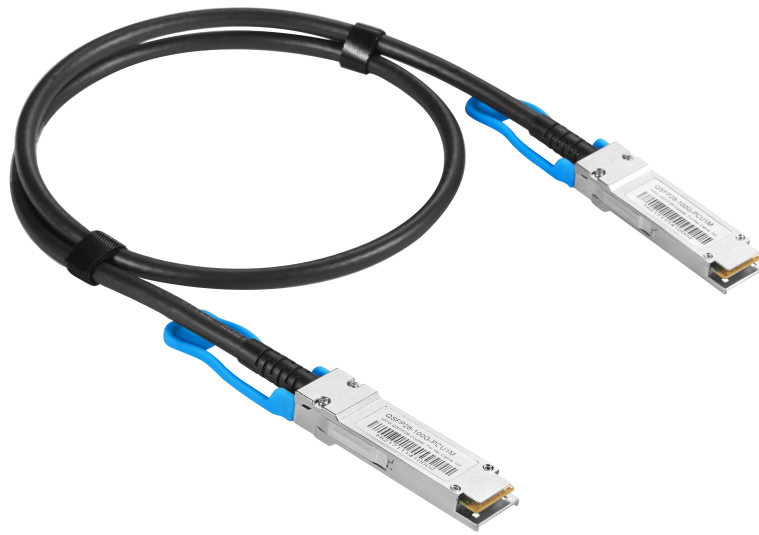




SINOVO®
Innovative fiber link the world



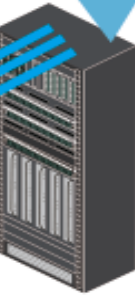
- 10G Intra-rack
- 10/40/100G Intra-rack
- 10/40/100G Long span/Inter-building

TOR Switch

40G QSFP+TRA
4 x 10G QSFP+ AOC
100G QSFP28 TRA
4 x 25G QSFP28 AOC
25G SFP28 AOC
10G SFP+ AOC/DAC

Router

100G CFP2
100G CFP

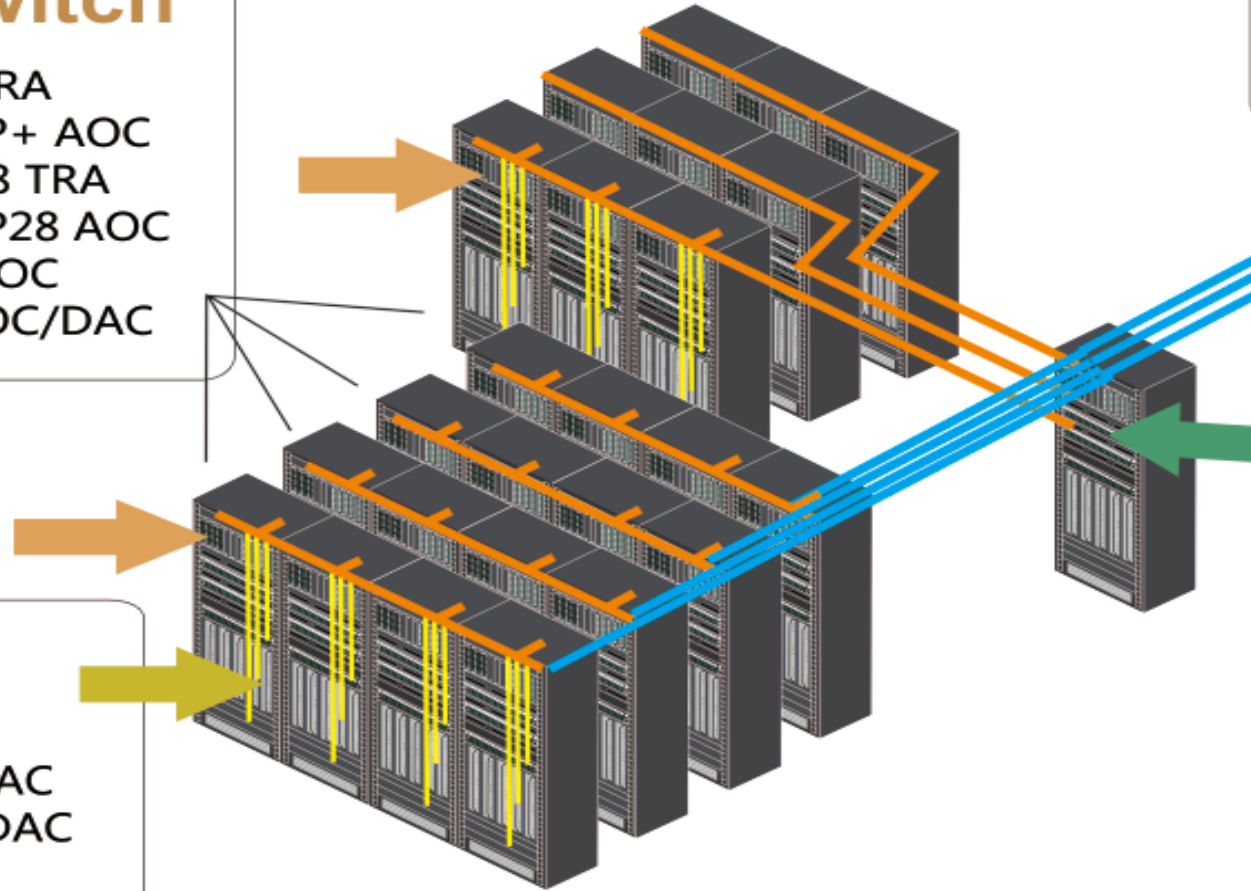


Core Switch

40G QSFP+SR4
100G QSFP28 SR4
40G/100G AOC/DAC
100G CXP

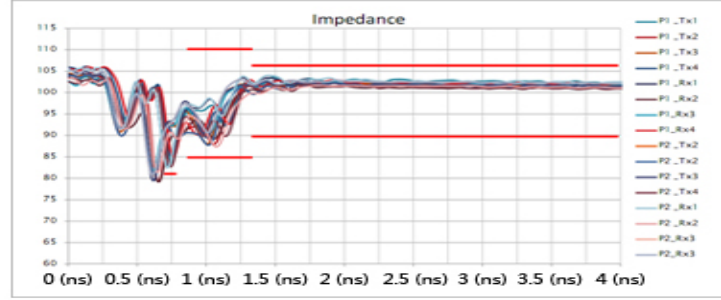
Servers

10G SFP+ AOC/DAC
25G SFP28 AOC/DAC



100Gb/s Passive Copper Cable QSFP28

26AWG 3M Differential Impedance
Tr=14 ps@20-80%.

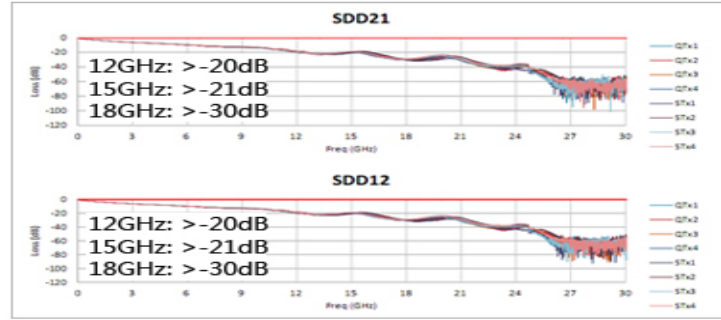


Intra skew
Tr=14 ps@20-80%.

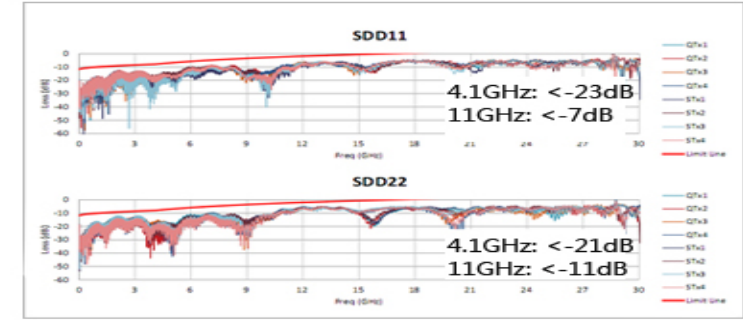
Intra Skew comparison (Unit: ps) table		
QSFP28 26AWG 3M SPEC:20	P1 TX1-RX1	P1 TX2-RX2
	10	8
	P2 TX1-RX1	P2 TX2-RX2
	9	9
SPEC:20	P1 TX3-RX3	P1 TX4-RX4
	11	9
	P2 TX3-RX3	P2 TX4-RX4
	9	9



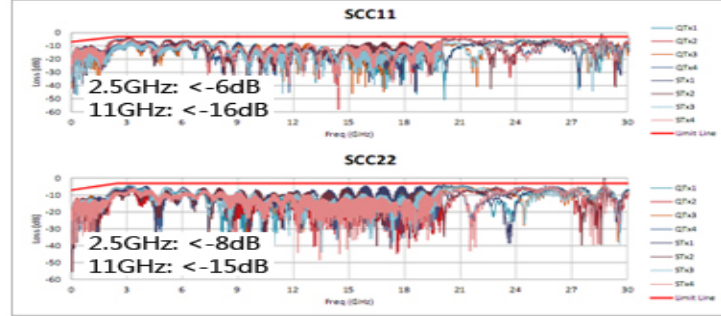
Insertion Loss



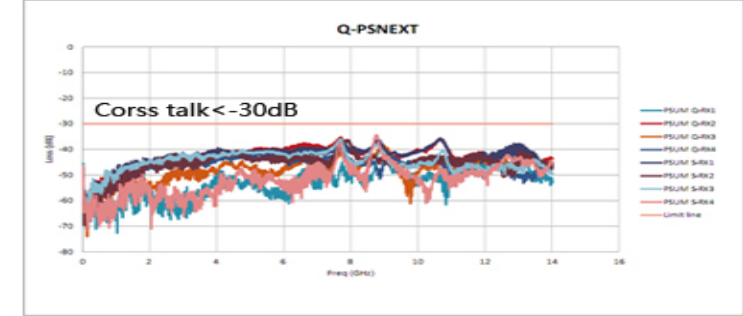
Return Loss



Common mode reflection coefficient

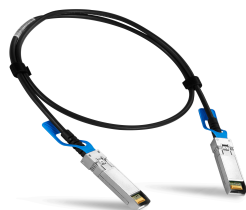


Cross talk (Next)



SINOVO Passive Copper Cables Provide Robust Connections and require no power from the attached networking eulent. Also called Direct Attach Copper or DACs, copper cables provide highly reliable, low-cost solutions for reaches of a few meters.

SINOVO Active Copper Cables are a thinner alternatives to the passive cables, and are available ia variety of lengths.



SINOVO Passive Copper Cables (DAC)

Part	Reach	Color	Leading Time (1000PCS)
10G-SFP-DAC	0.5-15M	Red Pink Blue Black Yellow Orange	1 Working Day
25G SFP28 Passive Copper Cable	0.5-15M	Red Pink Blue Black Yellow Orange	2 Working Days
40G-QSFP+-DAC	0.5-7M	Red Pink Blue Black Yellow Orange	3 Working Days
40G QSFP+ to 4xSFP+ DAC	7M	Red Pink Blue Black Yellow Orange	3 Working Days
56Gbps QSFP+ FDR Copper Cable	0.5-7M	Red Pink Blue Black Yellow Orange	3 Working Days
100G QSFP28 Passive Copper cable	0.5-7M	Red Pink Blue Black Yellow Orange	3 Working Days
100G QSFP28 to 2*50G SFP28 Passive Copper cable	7M	Red Pink Blue Black Yellow Orange	2-4 Working Days
100G QSFP28 to 4*25G SFP28 Passive Copper cable	7M	Red Pink Blue Black Yellow Orange	2-4 Working Days
200G QSFP-DD DAC	7M	Red Pink Blue Black Yellow Orange	7-9 Working Days

SINOVO Active Optical Cables (AOC)

SINOVO Optical Solutions provide long range scalability for all topologies and utilize innovative optical technologies to enable extremely high signal integrity and reliability

SINOVO Active Optical Cables are the best solution for point-to-point links from 5m to 200m. Available for both Ethernet and InfiniBand applications, AOCs are easy to install as copper cables. AOCs have the advantage of longer reaches, lighter cables and more flexible routing.

The 100Gb/s VCSEL based AOCs supports reaches up to 100m while the 100Gb/s silicon photonics version supports reaches up to 200m.



Part	Reach	Color	Leading Time (200PCS)
10G-SFP-AOCC	1M-200 M	Red Pink Blue Black Yellow Orange	3-5 Working Day
25G SFP28 Active Optical Cable	1M-200 M	Red Pink Blue Black Yellow Orange	3-5 Working Days
40G-QSFP+-AOC	1M-200 M	Red Pink Blue Black Yellow Orange	3-5 Working Days
40G QSFP+ to 4xSFP+ AOCC	1M-200 M	Red Pink Blue Black Yellow Orange	5 Working Days
56Gbps QSFP+ FDR Active Optical Cable	1M-200 M	Red Pink Blue Black Yellow Orange	5 Working Days
100G QSFP28 Active Optical cable	1M-200 M	Red Pink Blue Black Yellow Orange	5-7 Working Days
100G QSFP28 to 2*50G SFP28 Active Optical cable	1M-200 M	Red Pink Blue Black Yellow Orange	5-7 Working Days
100G QSFP28 to 4*25G SFP28 Active Optical cable	1M-200 M	Red Pink Blue Black Yellow Orange	5-7 Working Days
200G QSFP-DD AOC	1M-200 M	Red Pink Blue Black Yellow Orange	12-15 Working Days

Compliant to industry standards

InfiniBand Architecture specification

IEEE 802.3 10GBASE-CX4

IEEE 802.3 10GBASE-SR and LR

IEEE 802.3 ba 40Gig Ethernet

IEEE 802.3 ba 100Gig Ethernet

IEEE 802.3 bs 100Gig Ethernet

10GSFP+Cu

QSFP+ and QSFP28 MSA SFF-8436

SFP+ and SFP28 MSA SFF-8431

- Super Signal integrity
- Low crosstalk
- Low insertion loss
- Matched impedance
- Secure latching mechanism
- RoHS-6 Compliant
- Lifetime Warranty



11TH Fl, Taibang
Tech Tower, Hi-Tech
Park, Shenzhen, Chin
a.518040
Tel:0755-3295 9919
Fax: 0755-3295
9918
www.sinovocorp.com