

COMOSS ELECTRONIC CO., LTD.

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Approved :	Project No. USB3AC	Rev. No.	Page
	UL style: UL2725	Draft	1

Product Specification – USB3AC-A&A-CS active Cable_V1.4

Temperature Rating: 0°C~70°C

Construction

Conductors:	Tinned Copper
AWG	-
Shielding:	Aluminum foil / Mylar
Braid shield	Tinned Copper
Braid Coverage(%)	90%
Jacket:	PVC
Dia.	6.0 ± 0.19 mm
Min. Thickness	0.23 mm

Output power

1. Output Voltage:

Length	Max
10M	5.0V
15M	5.0V

2. Output current *with A&A plug*:

Length	Output current
10M	1000mA
15M	850mA

Order information

USB3AC – A&A- CS- X- X
(1) (2) (3) (4)

(1) (2) Connector Type

A: USB3.0 A Type

A&A: USB3.0 A Type X 2

B: USB3.0 B Type

BS: USB3.0 B Type w / Screw

C: USB3.0 Micro B Type

CS: USB3.0 Micro B Type w / Screw

(3) Cable Color

BL: Blue

(4) Cable Length

5M

10M

15M

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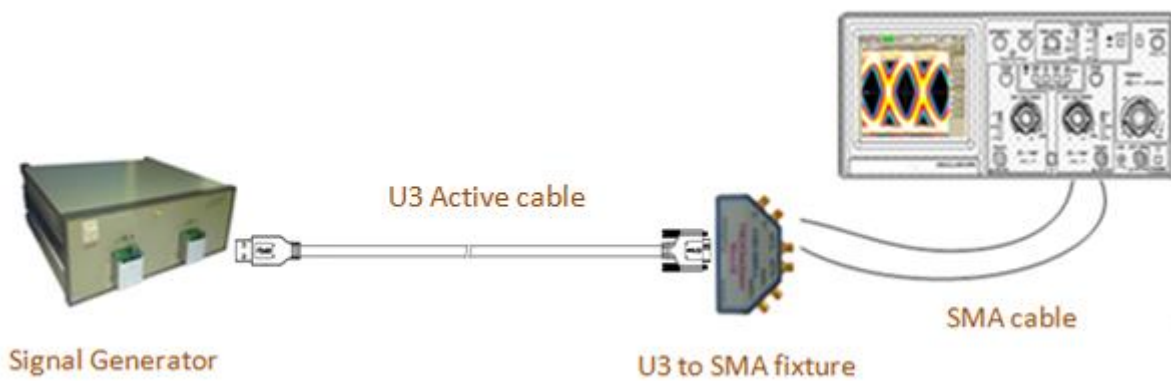
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Product Specification – USB3.0 Active Cable (OD6.0) _ V1.4

Eye Pattern Testing Schematic Diagram

**Input Signal Source: Swing Voltage 800mV; EQ(Equalizer)=0, DE(De-emphasis)= 0

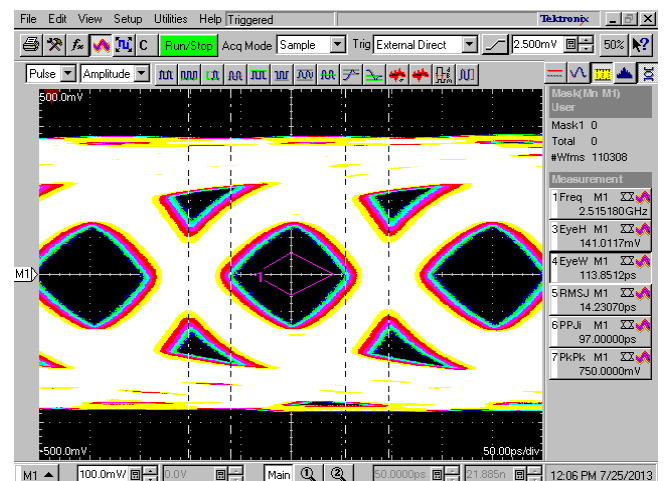
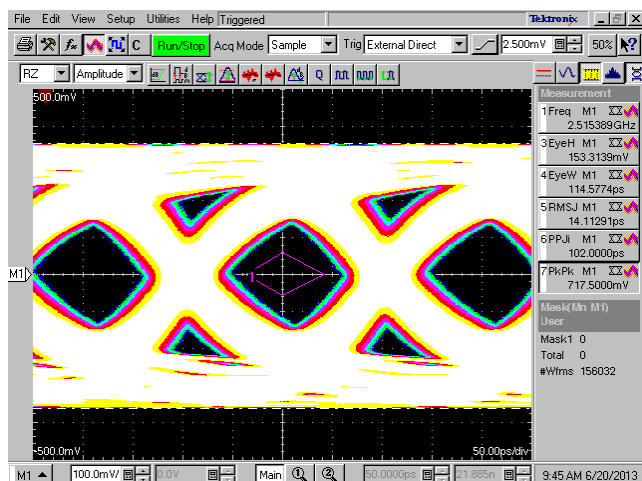


Eye Pattern

1M Passive cable

TX

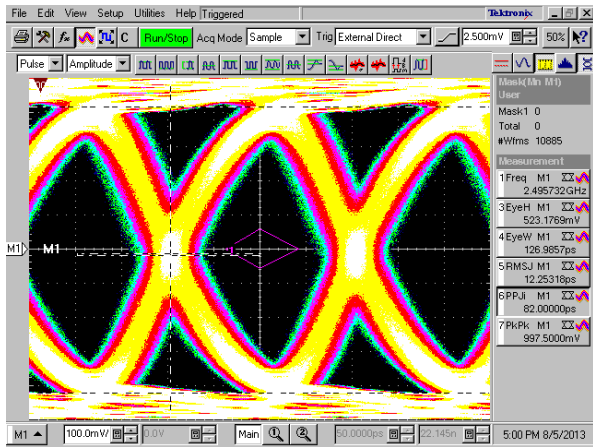
RX



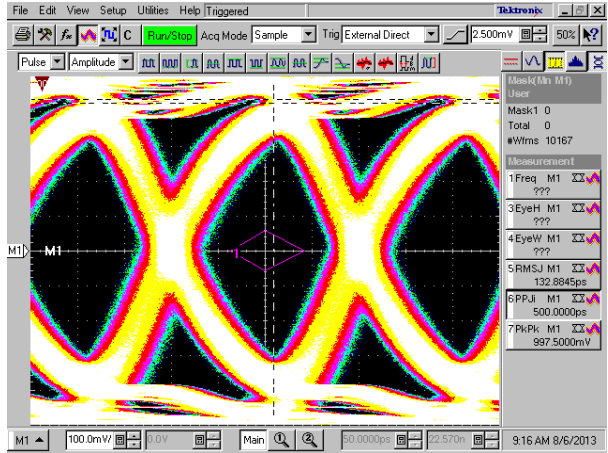
Eye Pattern

5M Active cable

TX

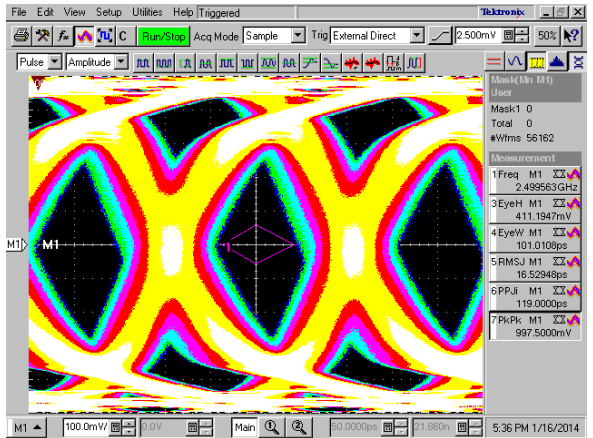


RX

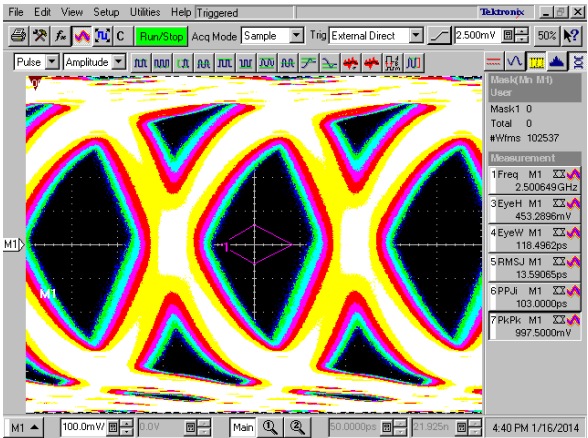


10M Active cable

TX

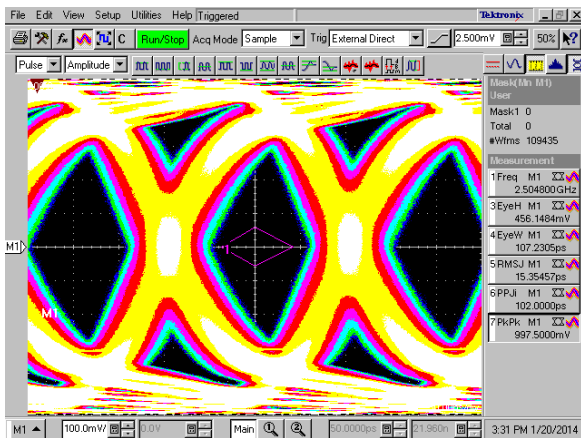


RX



15M Active cable

TX



RX

