

ZX230CPAP USB Plug type C to USB Type A Plug electrical test breakout adapter Cont's **Product Name:**

S-Parameter, **Insertion loss**: The following insertion loss measurements were obtained using Agilent NA with the following test case:

- 1- ZX230CPAP mating with ZX230CR-AP at USB type C connector.
- 2- NT interfacing with the supplied SMA connectors on both ZX230CPAP and ZX230CR-AP modules.

Ī	Signal Pairs	Insertion Loss at USB Gen1 (2.5GHz) Gen2 (5.0GHz) Nyquist frequencies (dB)						
		0.626GHz	1.25GHz	2.5GHz (Gen1)	5.0GHz (Gen2)			
ĺ	RX2-P/N	-1.30	-0.65	-1.35	-3.75			
ſ	TX2-P/N	-1.38	-0.63	-1.67	-3.75			

All values are dB

S-Parameter files: ZX230CXAP-S-Parameter – It is .7z file. It consists of .s2p files, only.

USB Type C Plug to USB Type A Plug and J2 signal assignments listed below **Pinouts:**

ZX230CPAP - USB Type C Plug to USB Type A Plug

Signal	USB-A		USB Type C		USB-A		Signal
Signal	Pin#	Signal	Тор	Bottom	Pin#	Signal	Signal
J2.6 GND	4,7	GND	A 1	B12	4,7	GND	J2.6 GND
TX1p	6	RXp	A2	B11	9	TXp	RX1p
TX1n	5	RXn	A3	B10	8	TXn	RX1n
J2.6 VBUS	1	VBUS	A4	B9	1	VBUS	J2.6 VBUS
J2.2 CC1			A5	B8			J2.4 SBU2
DP	3	DP	A6				
DN	2	DN	A7				
10.0.00114			• • •	D.F.			10.5.000.1/00111
J2.3 SBU1			A8	B5			J2.5 CC2-VCONN
IO 6 AVDI IC	4	VBUS	A.O.	D4	1	VELIC	IO C. VIDIJIC
J2.6 VBUS	1	AR02	A9	B4	1	VBUS	J2.6 VBUS
RX2n	SMA		A10	B3	SMA		TX2n
NAZII	SIVIA		AIU	БЗ	SIVIA		ΙΛΖΙΙ
RX2p	SMA		A11	B2	SMA		TX2p
ιλέρ	SIVIA		AII	DZ	SIVIA		ιλέμ
J2.6 GND	4,7	GND	A12	B1	4,7	GND	J2.6 GND
12 v signals are acc		_		D 1	7,1	CIAD	02.0 GND

J2					
Pin	Function				
1	VBUS				
2	CC1				
3	SBU1				
4	SBU2				
5	CC2-VCONN				
6	GND				

ALL ZEBAX products are RoHS compliant and Lead Free unless otherwise indicated

ZX230CPAP

Test network: ZX230CR-AP (Type C Receptacle) to ZX230CPAP

S12: TX2+ RX2+

S34: TX2-RX2-

ZX230CR-AP

(Type C Plug)

ZEBAX TECHNOLOGIES

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SPECIFIED DIMENSIONS ARE INCHES (MM).

ASSEMBLY DRAWING

ITEM: ZX230CPAP

USB Type C Plug to USB type A Plug DESCRIPTION: electrical test breakout adapter - converter

DRAWN:

REVISSION: 1.0

J2.x signals are accessible on J2 connector SMA: Signal available on SMA connector

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