

Product Change Notification

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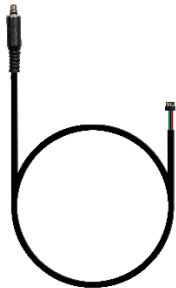

Pantheon 6A P.O. Box 559
7500 AN Enschede
The Netherlands

www.movella.com

Topic:	Product Change Notification (PCN)
Author:	Product Manager
Date:	March 2025

1 Purpose

This is a Notification to all customers that announces a Product Change (incl. product code) for the following parts as of the dates mentioned in section 2:

CA-MP-MTI-12	CA-USB-CONV
	

To enhance the cable's quality and ensure its robustness, a redesign was necessary.

2 Milestone and dates

Milestone	Description	Date
Product Change Notification	Document describing affected products and schedule.	March 2025
Last Order Date	The last date that products that are subject to this PCN can be ordered. Because of the nature of the PCN, limited supply is available. Please contact your local representative for more information.	Not applicable
Last Shipping Date	The last possible shipping date that can be requested.	Not applicable
First Shipment Replacement Product	The date when the replacement products can be ordered and shipped.	March 2025

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3 Alternative products

Movella provides two alternative cables as a replacement for the products subject to this PCN. Replacement Part numbers are shown in the table below.

Discontinued Part Number	Replacement Part Number	Compatible Product Part Number
CA-MP-MTI-12	CA-MP-12-OPEN	MTi-6x0R, MTi-6x0G, S1X43A, S1X43B
CA-USB-CONV	CA-MP-USB	MTi-6x0R, MTi-6x0G, S1X43A

CA-MP-12-OPEN is a 12-pin Host Interface cable assembly with open ends and consists of the following parts:

- ODU connector: A10WAM-P12XMM0-0000; AMC HD, break-away plug, 12 circuits.
- Cable: 2.9m length, 12 core, AWG28, shielded, UL, 40°C ± 85°C, 6.1mm diameter.



The table below shows the pinning of the connectors. The shield of the cable is only connected on the ODU connector side.

Function	Wire colour	ODU pin no.
VIN	Red	5
GND	Black	10
CAN_H	Green	1
CAN_L	White	2
RS232_RTS/RS422_TX(+)	Violet	9

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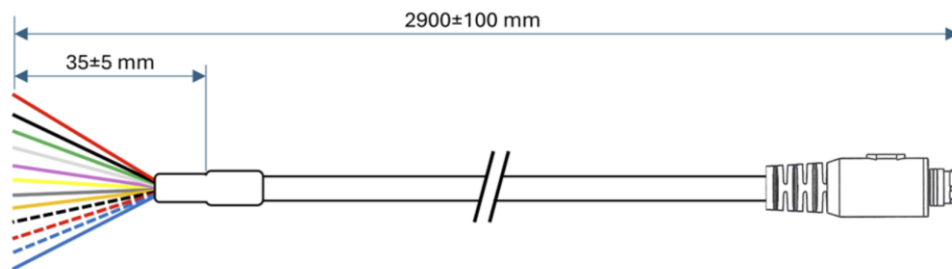
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RS232_TxD/RS422_ TX(-)	Yellow	8
RS232_RxD/RS422_ RX(+)	Grey	7
RS232_CTS/RS422_ RX(+)	Orange	6
SYNC_IN1	Black/White	3
SYNC_IN2	Red/White	4
SYNC_OUT	Blue/White	11
GND	Blue	12
SHIELD	-	SH

The figure below shows the cable length definition (from end-to-end):



CA-MP-USB is a RS232 to USB cable that has the USB converter integrated at the end of the cable and consists of the following parts:

- ODU connector: A10WAM-P12XMM0-0000; AMC HD, break-away plug, 12 circuits.
- Cable: 2.9m length, 12 core, AWG28, shielded, UL, 40°C ± 85°C, 5.1mm diameter.
- USB converter.



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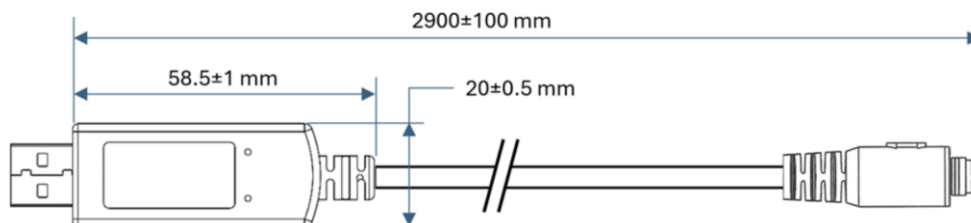
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The table below shows the pinning of the connectors:

Function	Wire colour	ODU pin no.
VIN	Red	5
GND	Black	10
RS232_RTS	Violet	9
RS232_TxD	Yellow	8
RS232_RxD	Grey	7
RS232_CTS	Orange	6
SYNC_IN2	Red/White	4
GND	Blue	12

The figure below shows the cable length definition (from end-to-end):



4 More information

In the event that you need assistance or require more information, please contact Movella or your local distributor: www.movella.com.