

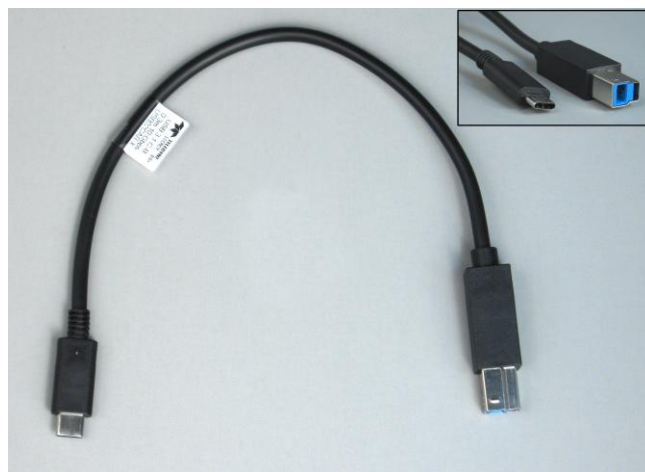
Voyager M310e / M310P / M310C / M4x / M480x Cable Sets

The Teledyne LeCroy Voyager platforms include the cables defined in table 1.1. Contact PSGSupport@TeledyneLeCroy.com for replacement cable information. The entire cable kit can be purchased using the part number: **USB310C-CAB-SET-X "Voyager M310P / M310e / M4x Cable Set"**).



USB01CAB-X - Type-C to Micro-USB 1m Cable;

This cable allows Voyager to interface with USB 2.0 devices that utilize the Micro- B connector.



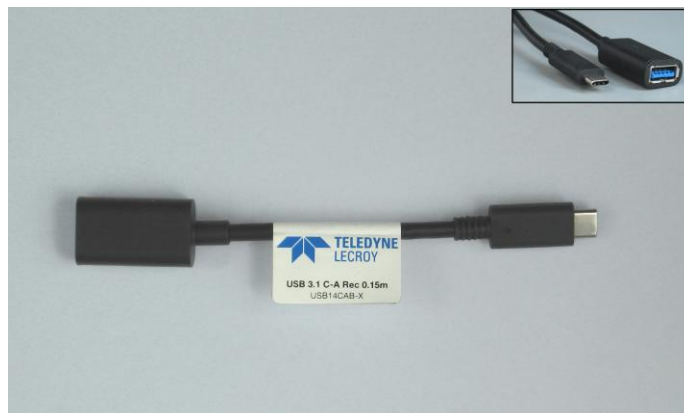
USB02CAB-X - Type-C to Type-B 0.3m Cable;

This cable allows Voyager to interface with USB 3.1 devices that utilize the USB 3.1 standard- B connector.



USB03CAB-X - Type-C to Type-A 0.3m Cable;

This cable allows Voyager to interface with USB 3.0 type A downstream ports



USB14CAB-X Type-C to Type-A Female 150mm Cable;

This cable allows Voyager analyzer to interface with legacy USB 3.1 and 2.0 devices (for both cabled or captive cable devices)



USB07CAB-X - Type-C to Micro-USB 0.3m Cable;

This cable allows Voyager to interface with USB 3.1 devices that utilize the Superspeed Micro- B connector.



USB23CAB-X Type-C to Type-C 0.3m 40Gb/s (unmarked);

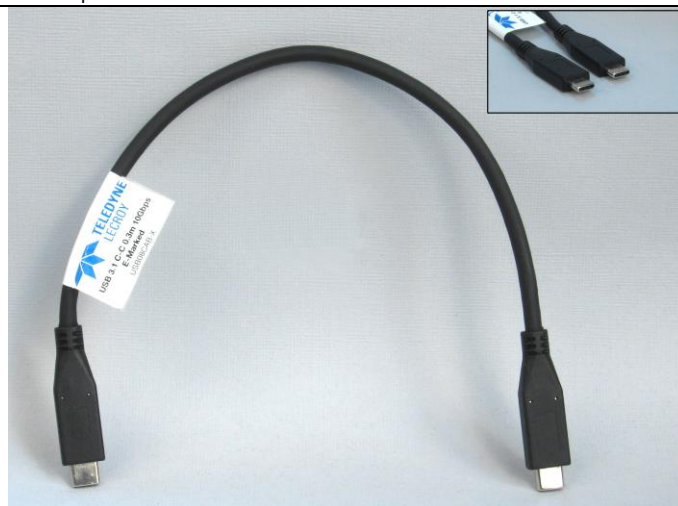
QTY: 2

This full-featured un-marked cable is rated for USB4 Gen-3 operation (40 Gbps); Allows Voyager to interface with USB 3.2 type C devices. Note: USB4 / TBT3 requires one Un-Marked and one E-Marked cable in the line.



USB06CAB-X – USB 2.0 Type-C to Type-B 1m Cable;

This cable allows Voyager to interface with USB devices that utilize the standard- B (2.0) connector.



(discontinued)

USB08CAB-X - Type-C to Type-C 10Gb/s Cable; (E-marked)

This electronically marked USB Type-C cable is rated for USB 3.1 Gen-2 operation (10 Gbps) and full 5 A vBUS operation. This allows Voyager to interface with full-featured USB Type-C systems that can source up to 100W.



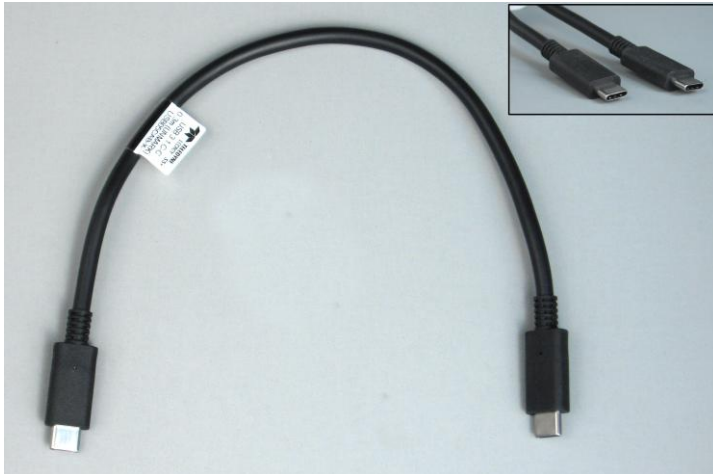
USB25CAB-X USB4 40Gb Type-C Vconn thru Cable;

This special Un-Marked USB C to C cable is rated for Thunderbolt 3 Gen-3 operation (40 Gbps) and connects CC2 through the entire cable (Vconn pass-through) for validating Type-C conformance & testing VCONN sources. The USB17CAB-X is discontinued but may be substituted with the above USB25CAB-X, when testing Type-C and PD Compliance.



USB27CAB-X USB4 80Gb Emarked cable C-C .3m EPR 240W capable

(USB4 E-Marked cable rated at 80Gb/s; EPR Capable; full 5A Power Delivery operation; USB27CAB-X Rev "C" includes minor update to E-marker (now reports "Gen 4" highest speed; however, performance-wise it is identical to the Rev "B" 40Gb/s cable).

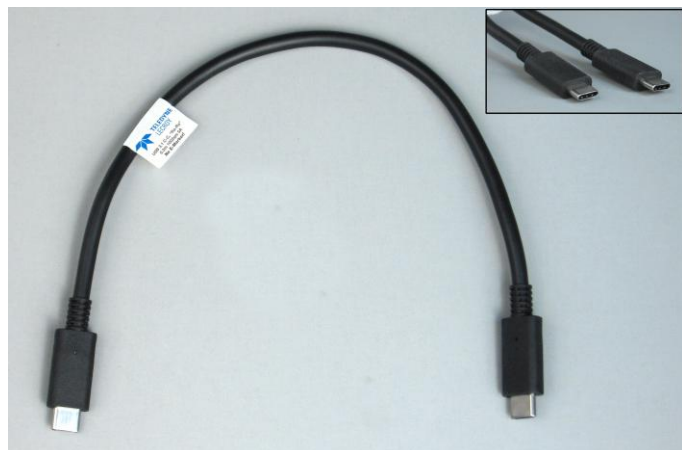


USB05CAB-X - Type-C to Type-C 0.3m Cable (unmarked) QTY: 2

This short un-marked cable is rated for USB 3.1 Gen-2 operation (10 Gbps) allows M310P / M310e to interface with USB 3.1 type C devices that utilize the type C connector.

*** Optional Cables ***

Cables below are for special test configurations and are not included with every model.



USB16CAB-X USB 3.1 Special un-Marked Ra Cable

(discontinued)

(This special Un-Marked cable advertises Ra but does not include “E-marker” chip. It is available as an optional cable for Voyager to allow vendors to avoid two E-Marked cables in the link-under-test; and also allow testing of VCONN_Swap functionality).



USB24CAB-X USB4 Type-C to Type-C 0.3m (E-marked 40Gb/s Cable

(discontinued)

(USB4 E-Marked cable rated at 40Gb/s and full 5A Power Delivery operation; USB24CAB-X is discontinued in favor of the E-Marked 240W EPR cable.



USB19CAB-X Cable MiniDB to dual flying lead;

This cable allows M310P / M310C / M4x to interface with BK Instruments Load Box External Trigger-in port.



932393-00 Voyager M4x Cable, Voyager Power Delivery external load cable

Special PD Compliance cable allows M4x to interface with programmable Load connectors


933535-00 Voyager M310e External PD Source Cable

Special PD Compliance cable allows Voyager M310e to interface with programmable power supply.


933534-00 Voyager M310e External PD Load Cable

Special PD Compliance cable for Voyager M310e to interface with programmable load generator.


42488504001 DB9M to DB9F 6ft Extension Cable

CATC Sync RS232 / DB9 cable allows Voyager M310e to interface with programmable power supply and programmable load box.


USB15CAB-X Cable, Voyager M310P / M310C Power Delivery external load cable

This cable allows M310P / M310C to interface with programmable Load connectors (discontinued)


AC061XXA-X Sync cable Bundle

Special sync cables for cascaded recording between two Voyager M310e, M310P, M310C, M310, M4x or Advisor T3. includes MicroD-to-MicroD Sync; and MicroD-to-CATC Sync Cables. Must be purchased separately.


USB-AC55-V07-X – PD Fast Role Swap Compliance Fixture

Special test fixture for performing PD Fast Role Swap Compliance tests. (Includes SMA Trigger Assy). Must be purchased separately (see the App Note: PD_FRS_Compliance_Tests TechBrief).

Table 1.1 Cables Included with USB Type-C Analyzers and Compliance packages (Effective Jan-2025)									
Part Number	Description	Voyager M480x	Voyager M4x	Voyager M310e	Voyager M310e Standard	Voyager M310e PD Compliance Bundle	M310e PD Compliance Option	M4x PD Compliance Option	Type-C Compliance Option
USB01CAB-X	Cable USB 2.0 C to Micro-B, 1m	1	1	1	1	1			
USB02CAB-X	Cable USB 3.1 C to Std-B, 0.3m	1	1	1	1	1			
USB03CAB-X	Cable USB 3.1 C to Std-A, 0.3m	1	1	1	1	1			
USB06CAB-X	Cable USB 2.0 C to Std-B, 1m	1	1	1	1	1			
USB07CAB-X	Cable USB 3.1 C to Micro-B, 0.3m	1	1	1	1	1			
USB08CAB-X	Cable USB 3.1 C to C, 0.3m (E-Marked) (discontinued)								
USB10CAB-X	Cable USB 2.0 C to µB, 0.3m								
USB05CAB-X**	Cable USB 3.1 C to C 0.3m (Un-Marked)								
USB12CAB-X	Cable USB 2.0 C to C, 1m (Un-Marked)								
USB14CAB-X	Cable USB 3.1 Type-C to Type-A Rectptle, 200mm (discontinued)								
USB15CAB-X	Cable, Voyager M310P / M310C Power Delivery external load (discontinued)								
USB16CAB-X	USB3.1 Special un-Marked Ra Cable (discontinued)								
USB25CAB-X*	USB4 40Gb Type-C Vconn thru Cable	1	1	1		1	1	1	1
USB18CAB-X†	Cable USB 3.1 C to C E-Marked 200mm (discontinued)								
USB23CAB-X	Cable USB 40Gbps C to C 0.3m (Un-Marked)	2	2	2	1	2			
USB24CAB-X	Cable USB 40Gbps C-C 0.3m E-Marked (discontinued)								
USB19CAB-X	Cable MiniDB to dual flying lead; .3m							1	
USB27CAB-X	Cable USB4 80Gb C-C .3m Emarked 240W	1	1	1	1	1			
932393-00	Voyager M4x PD Load Cable							1	
42A0000001165 or 42A0000006778	Cable USB 3.0 A – B 1m (M310P/M4x) or A – C 1m (M310e) (PC to analyzer cable)	1	1	1	1	1			
933534-00	Voyager M310e External PD Load Cable					1	1		
933535-00	Voyager M310e External PD Source Cable					1	1		
42488504001	DB9M to DB9F 6ft Extension Cable					1	2		

* USB17CAB-X is now replaced by the USB25CAB-X; **USB4 unmarked cable (USB23CAB-X) may be substituted for USB 3.1 unmarked cable (USB05CAB-X) in some models; † The short Type-C 200mm cable (USB18CAB-X) was deprecated from the new PD 3.1 CTS load tests and these tests should now be performed using the VConn thru cable instead. The USB08CAB-X & USB24CAB-X are discontinued and the USB27CAB-X E-Marked 240W EPR cable is provided instead.