

USB3.1 GEN1

for Automated (Machine) Vision Inspection / AOI Systems

JARGY[®]

Mobile Computing [®]
31st Anniversary since 1987

- Compact
- High-Flex
- Ultra-Slim
- Extension
- USB 3.1 GEN2
- HUB
- AOC



Made in

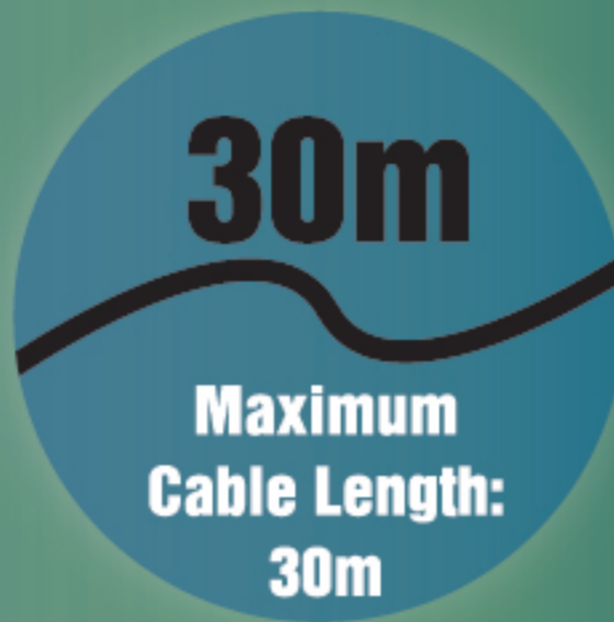
Taiwan

LONG DISTANCE CONNECTION

for **Automated (Machine) Vision Inspection / AOI Systems**

Compact

- Support High Resolution & High FPS USB3 Machine Vision Cameras without lost frames all the time
- support both USB 3.0 (USB3.1 Gen1) and USB 2.0 data transfer
- USB 3.0 (USB3.1 Gen1) bus-powered, no external power supply needed



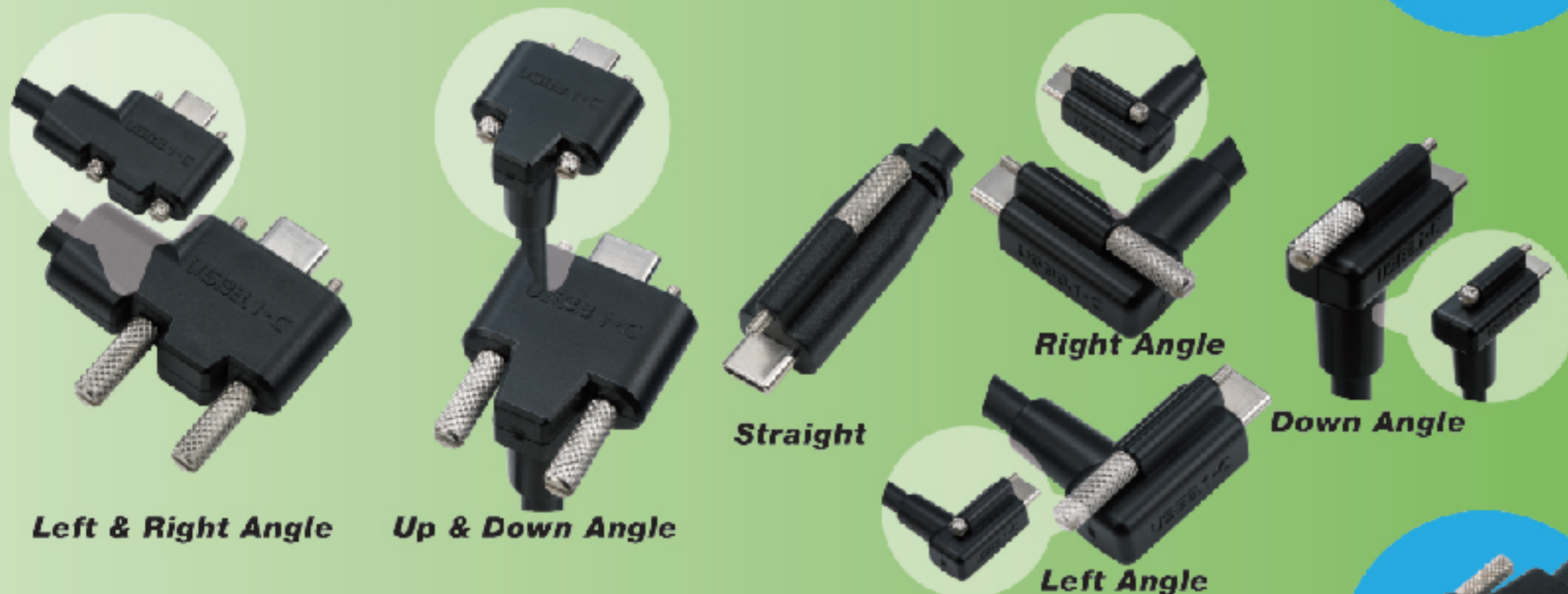
USB3.1 GEN1 TYPE-C CABLES

Straight A to Straight C

M/M

CBL-PU3.1G1XS - 1m, 2m, 3m, 4m, 5m

CBL-AU3.1G1XS - 5m, 6m, , 30m



USB3 (USB3.1 GEN1) MICRO-B CABLES

Straight A to Straight Micro-B

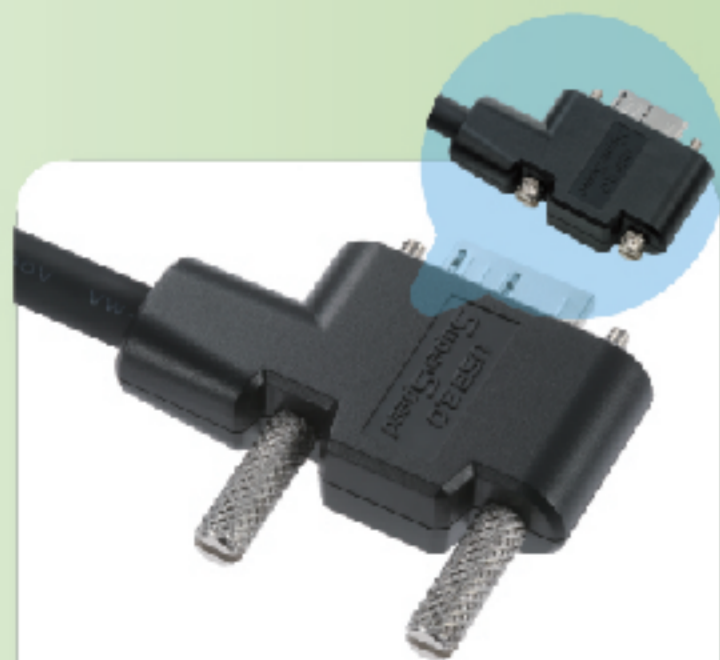
M/M

CBL-PD302MBS - 1m, 2m, 3m, 4m, 5m

CBL-D302MBS - 5m, 6m, , 30m



Angle Micro-B



Left



Right



UP



Down

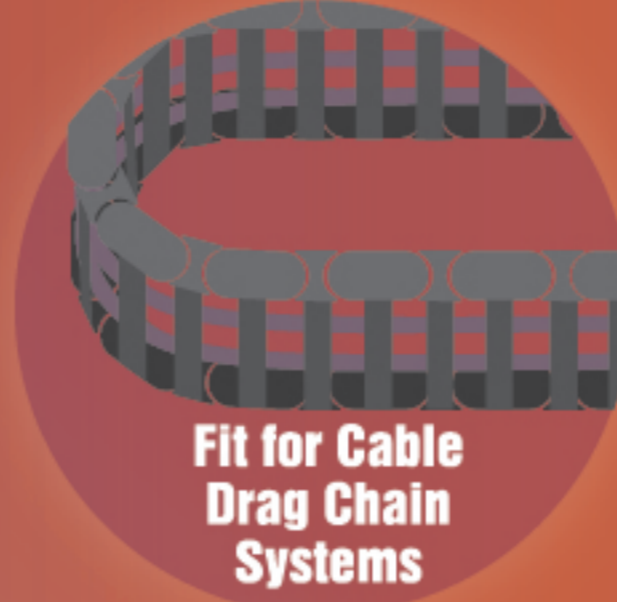
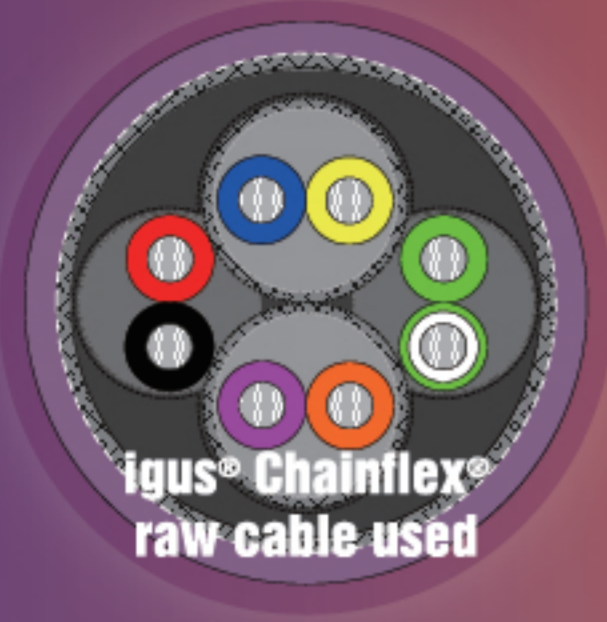


LONG DISTANCE CONNECTION

for **Automated (Machine) Vision Inspection // AOI Systems**

HIGH-FLEX

- Support High Resolution & High FPS USB3 Machine Vision Cameras without lost frames all the time
- support both USB 3.0 (USB3.1 Gen1) and USB 2.0 data transfer
- USB 3.0 (USB3.1 Gen1) bus-powered, no external power supply needed



USB3.1 GEN1 TYPE-C CABLES

Straight A to Straight C

M/M

CBL-HFPD3igCS - 1m, 2m, 3m

CBL-HFD3igCS - 4m, 5m, , 20m



USB3 (USB3.1 GEN1) MICRO-B CABLES

Straight A to Straight Micro-B

M/M

CBL-HFPD3igMBS - 1m, 2m, 3m

CBL-HFD3igMBS - 4m, 5m, , 20m



Straight A to Angle Micro-B

M/M



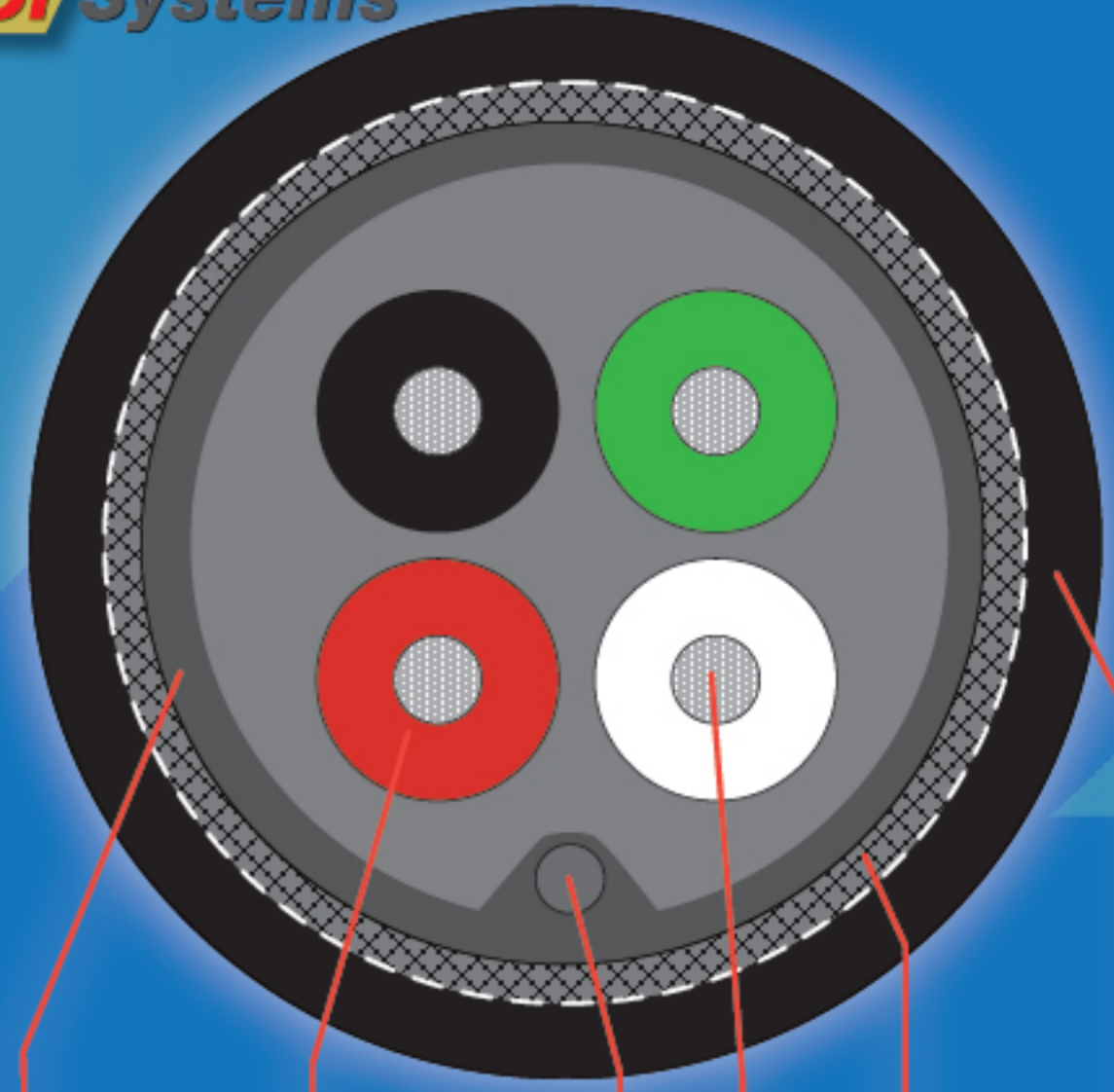
LONG DISTANCE CONNECTION

for **Automated (Machine) Vision Inspection / AOI** Systems

HIGH - FLEX USB2 CABLES

Length: 1m, 2m, 3m, , 50m

O.D.: 5.4mm



ALUMINUM
MYLAR
TAPE

INSULATION

DRAIN
WIRE

BRAID
SHIELD

JACKET

CONDUCTORS



Fit for Cable
Drag Chain
Systems



Support USB2
Cameras

● Flex Testing:

(1) TYPE-U (Rolling, C-Track, C-Chain) / R=67.5mm ▶ Minimum 5,000,000 times

(2) TYPE-S / R=60mm ▶ Minimum 1,000,000 times

(3) 90° BENDING (Tick-Tock Bending) / R=60mm ▶ Minimum 1,000,000 times

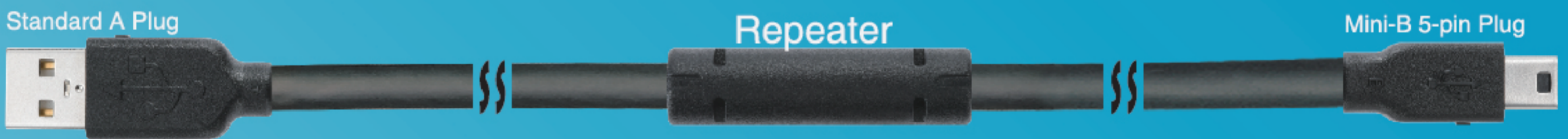
APPENDIX

IDENTIFICATION:

1.Green ; White 2.Black 3.Red

Passive ▶ CBL-HFPD203MB-1m~10m (no repeater)

Active ▶ CBL-HFD203MB-11m~50m



Passive ▶ CBL-HFPD203MBS-1m~10m (no repeater)

Active ▶ CBL-HFD203MBS-11m~50m



Passive ▶ CBL-HFPD203-1m~10m (no repeater)

Active ▶ CBL-HFD203-11m~50m



USB3 MACHINE VISION
LONG DISTANCE CONNECTION

Ultra Slim

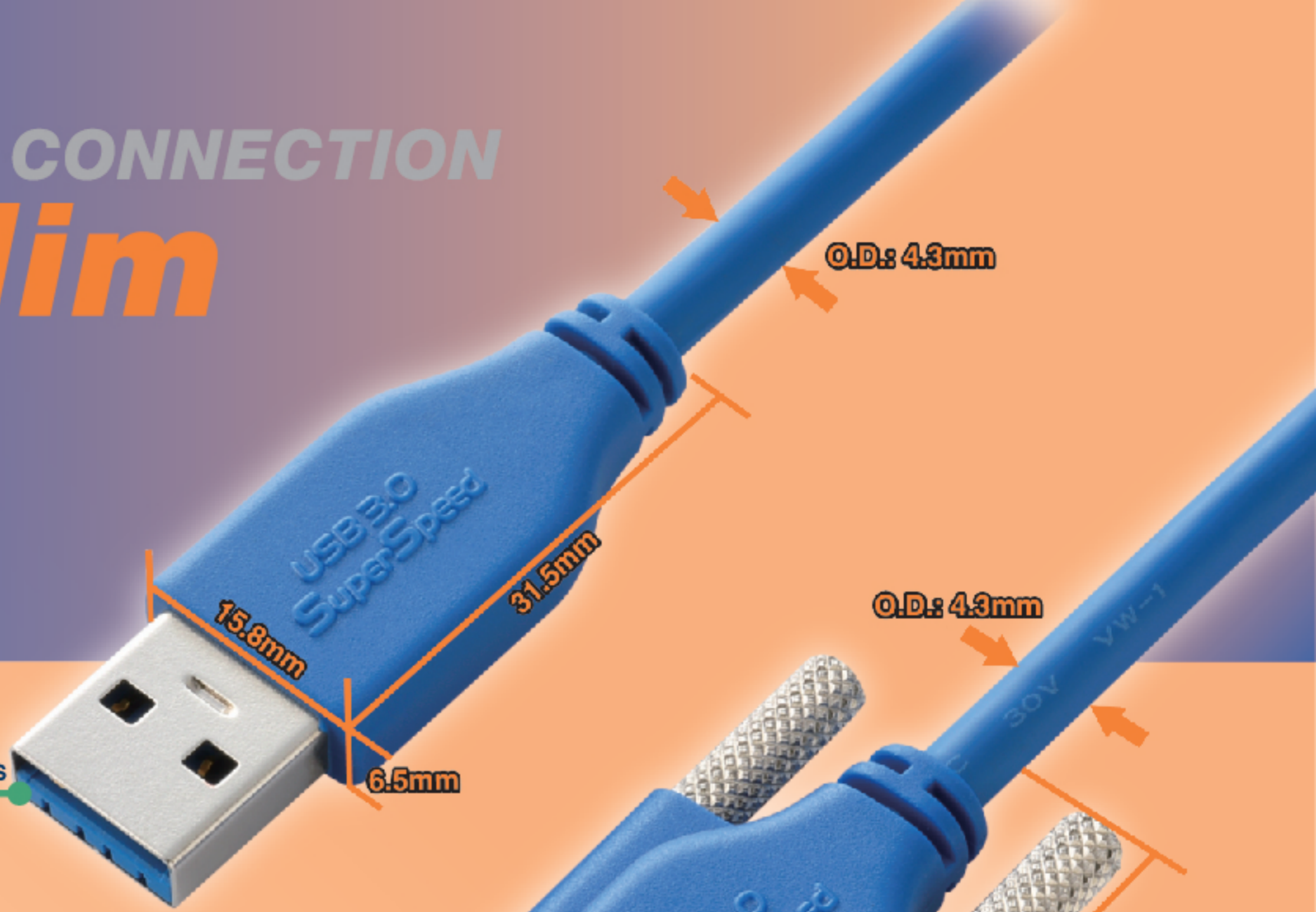
USB3 CABLES

Length: 1m, 2m, 3m, , 20m

O.D.: 4.3mm



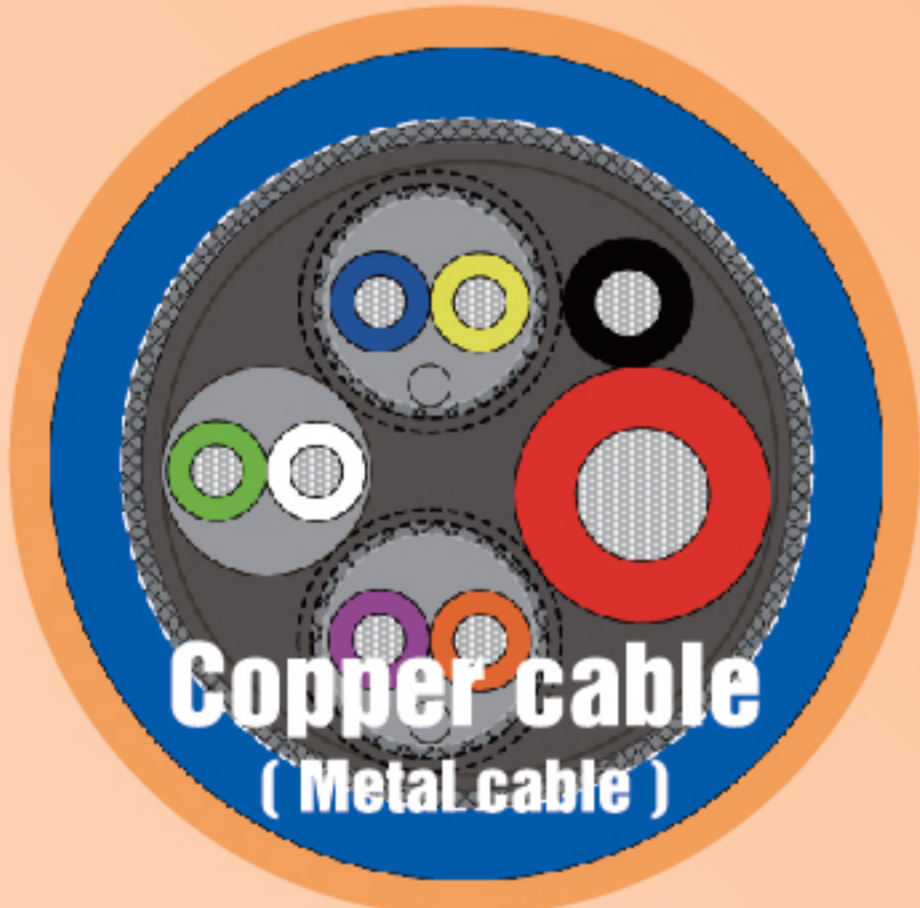
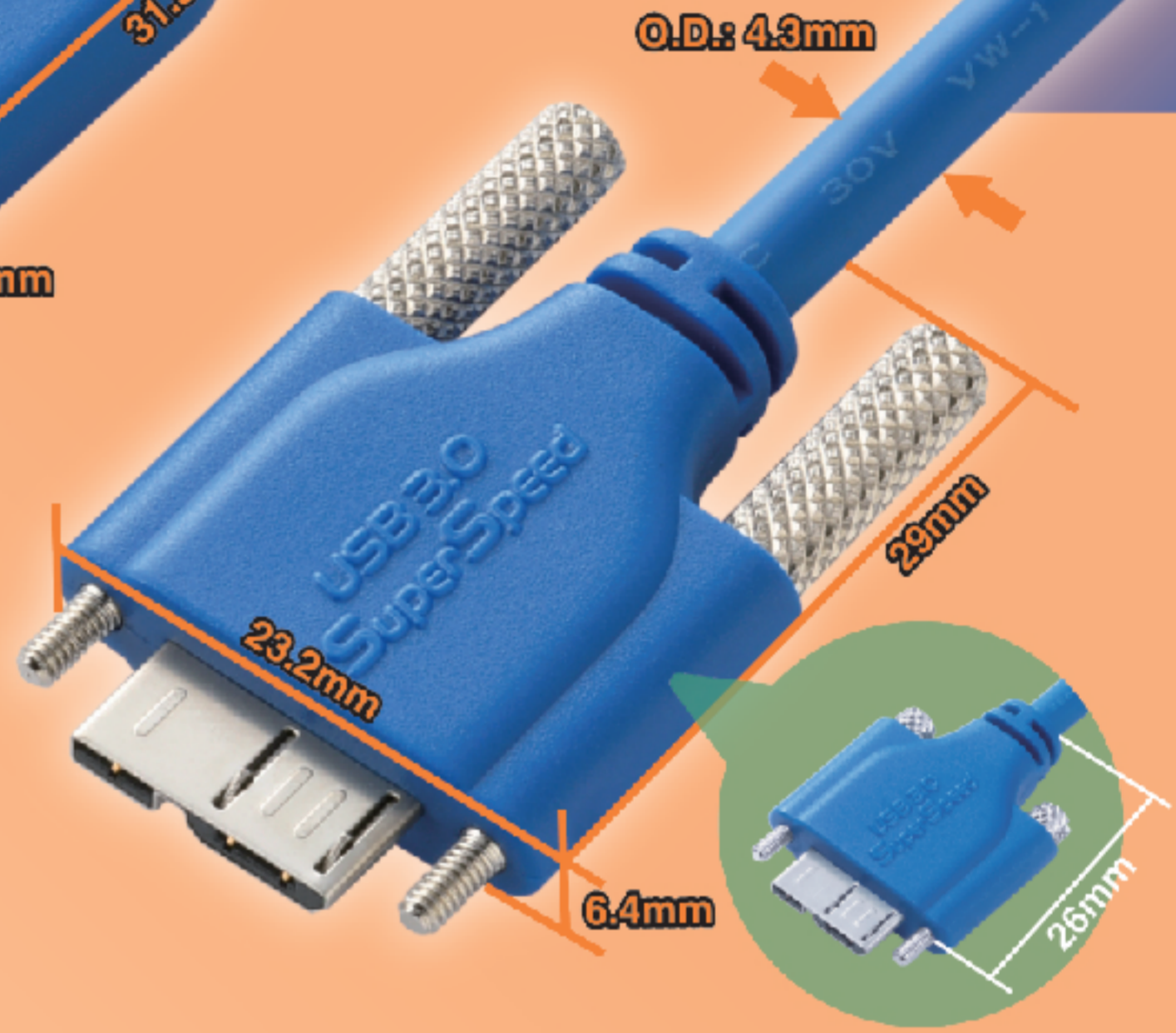
Standard A Plug with locking screws



Straight A to Straight Micro-B M/M

CBL-USPD302MBS - 1m, 2m, 3m CBL-USD302MBS - 4m, 5m, , 20m

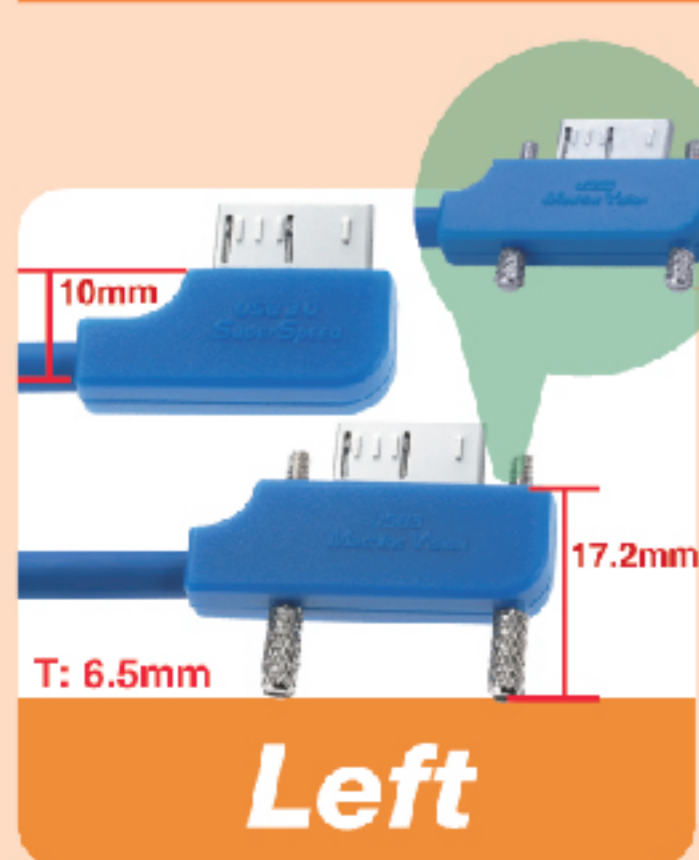
- Slim A Plug and Space-saving Micro-B Plug (without or with locking screws)
- Thin & Flexible Cable (O.D.: 4.3mm, USB 2.0 + USB 3.0)
- Tiny repeater for Active Cable (42(L) x 10(W) x 9(T) in mm)
- USB 3.0 bus-powered (no external power supply needed)



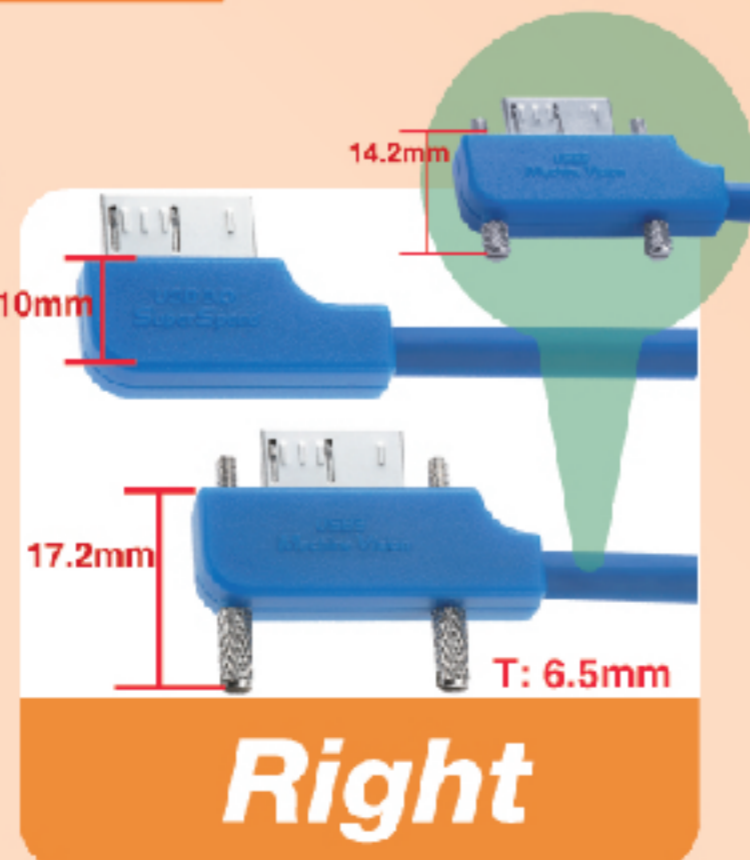
thin!
short!
narrow!



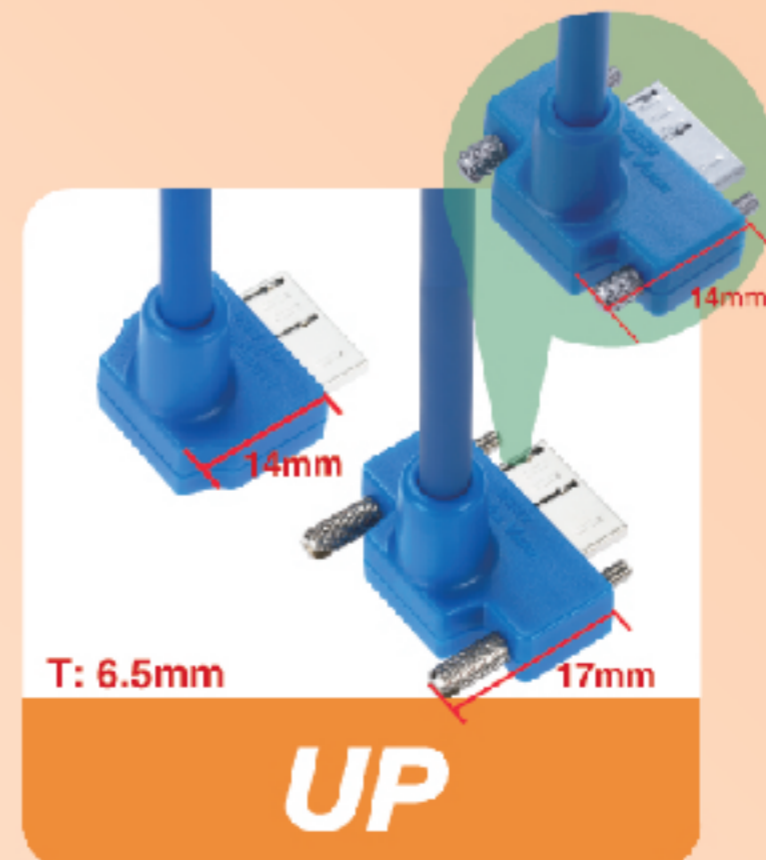
Low Profile Angle Micro-B (0.1m ~ 12m)



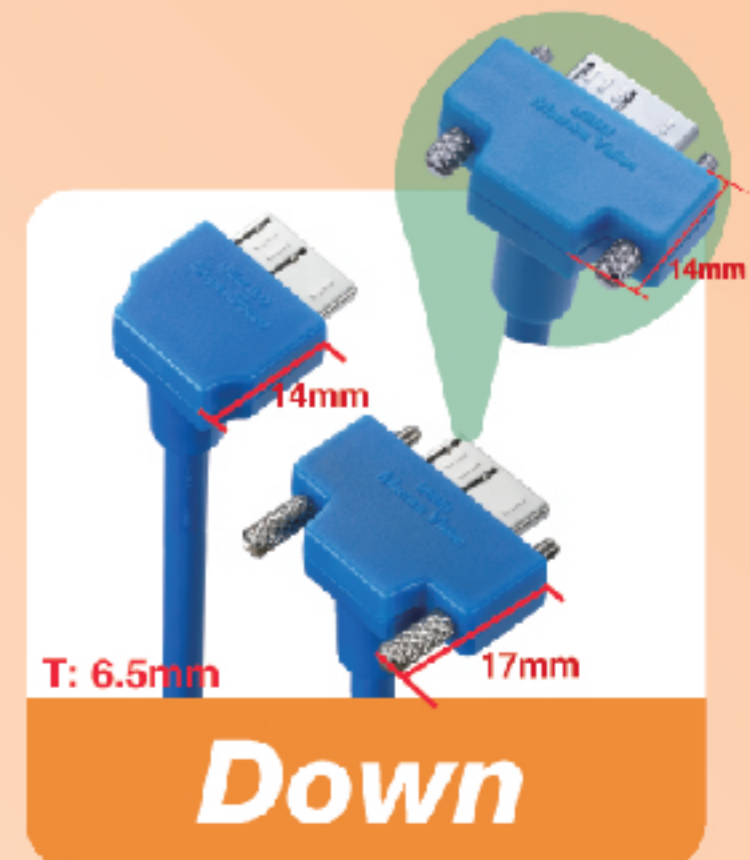
Left



Right



UP



Down

LONG DISTANCE CONNECTION

USB 3.0

A to A Extension Cables-M/F



CBL-302-



built with a DC power jack for accepting an external power adapter

3m

5m

7m



10m

15m

20m



- Extend the limit of USB 3.0 3 meter (10 foot) signals transfer up to 30 meter (98 foot) more!!
- support both USB 3.0 and USB 2.0 data transfer

CBL-3020R-

New color
Orange



3m

5m

7m



built with a DC power jack for accepting an external power adapter

10m

15m

20m



- Extend the limit of USB 3.0 3 meter (10 foot) signals transfer up to 30 meter (98 foot) more!!
- support both USB 3.0 and USB 2.0 data transfer

USB 3.1 Gen 2 10Gbps

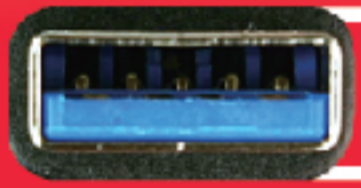
Passive USB 3.1 Gen 2 10Gbps connectors & cable assemblies-M/M
(A to Micro-B, A to C, C to Micro-B, and C to C are also available!)

A



31mm

15mm



7.5mm

Micro-B



26mm

16mm



7.5mm

C



34.5mm

13mm



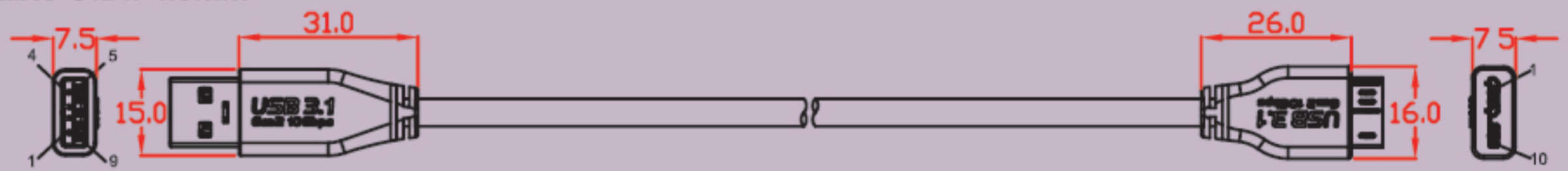
7.5mm

USB 3.1 A to Micro-B



CBL-PU3.1G2AMBXX- 1m / 2m / 3m

Cable O.D.: 4.8mm

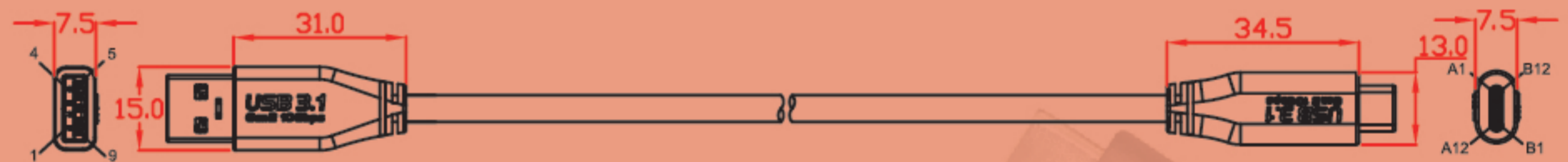


USB 3.1 A to C



CBL-PU3.1G2XX- 1m / 2m / 3m

Cable O.D.: 4.8mm



USB 3.1 C to Micro-B



CBL-PU3.1G2CMBXX- 1m / 2m / 3m

Cable O.D.: 4.8mm



USB 3.1 C to C



CBL-PU3.1G2CCXX- 1m / 2m / 3m

Cable O.D.: 4.8mm



USB3.0 5Gbps SuperSpeed Industrial Hub

HUB-318

4 Port

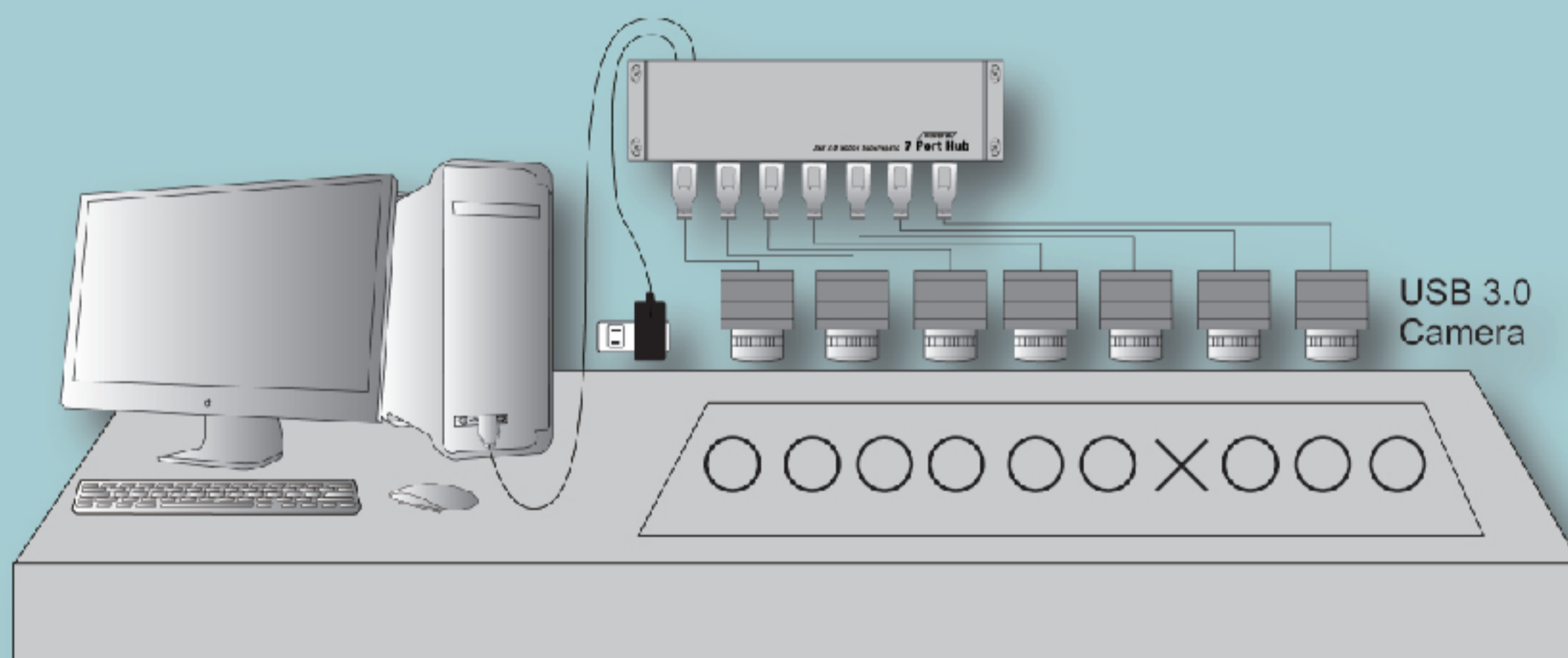
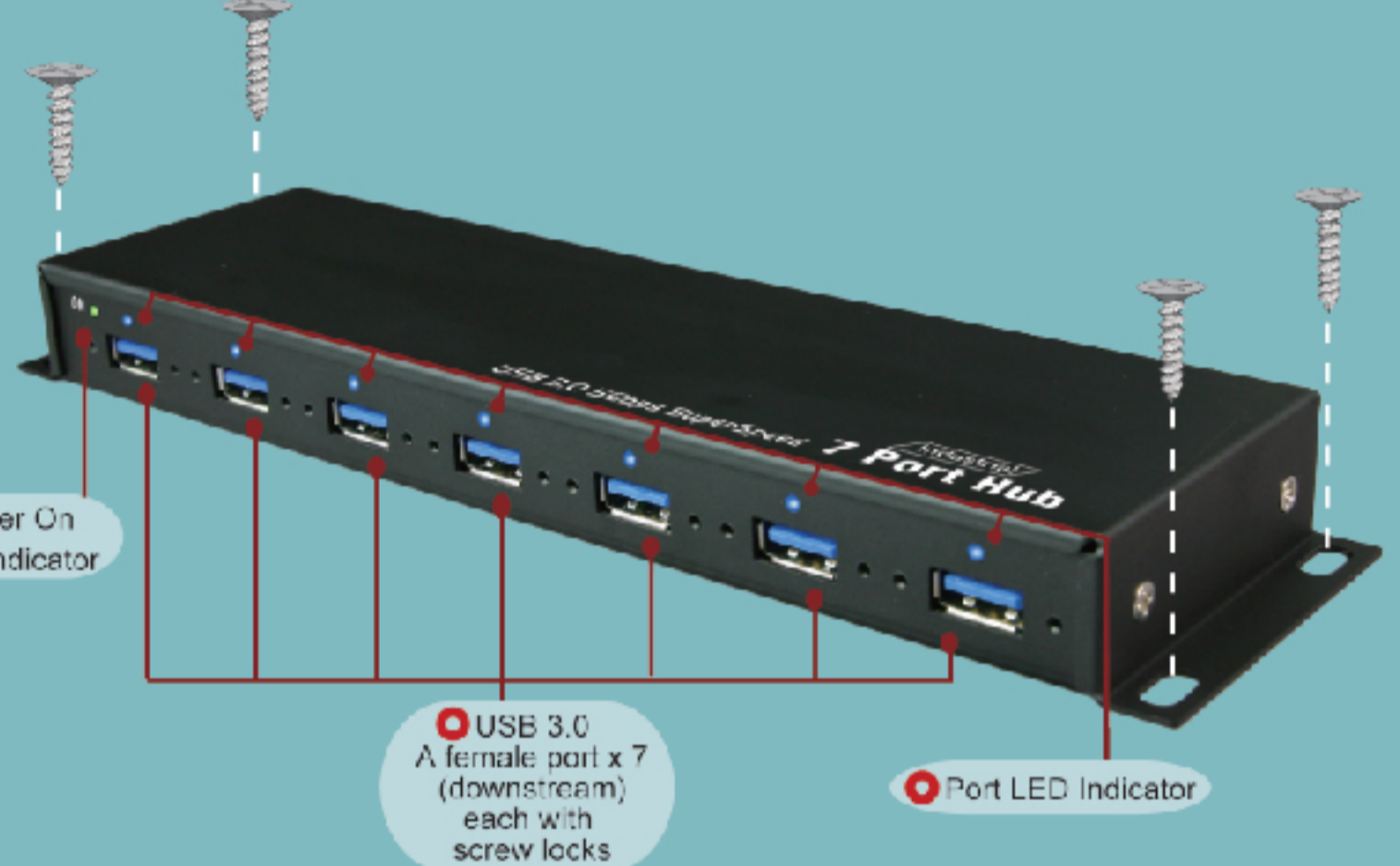
Dimensions: (L)150 x (W)60x (H)22mm



HUB-319

7 Port

Dimensions: (L)257 x (W)60x (H)22mm



Accessories



- Sheet metal construction cabinet Easily for either Horizontal Placement or Wall-mounting Placement
- USB bus-powered or DC self-powered
- USB 3.0/2.0/1.1/1.0 supported

USB3 MACHINE VISION LONG DISTANCE CONNECTION Active Optical Cables

Length: 10m / 15m / 20m / 30m / 40m / 50m



- Extend the limit of USB 3.0 3 meter (10 foot) signals transfer up to 50 meter (164 foot) more!!
- support USB 3.0 data transfer only
- External power supply needed & bundled with cable set

CBL-U3AOC01

USB3

A to A Extension : M/F



CBL-U3AOC02

USB3

A to B : M/M



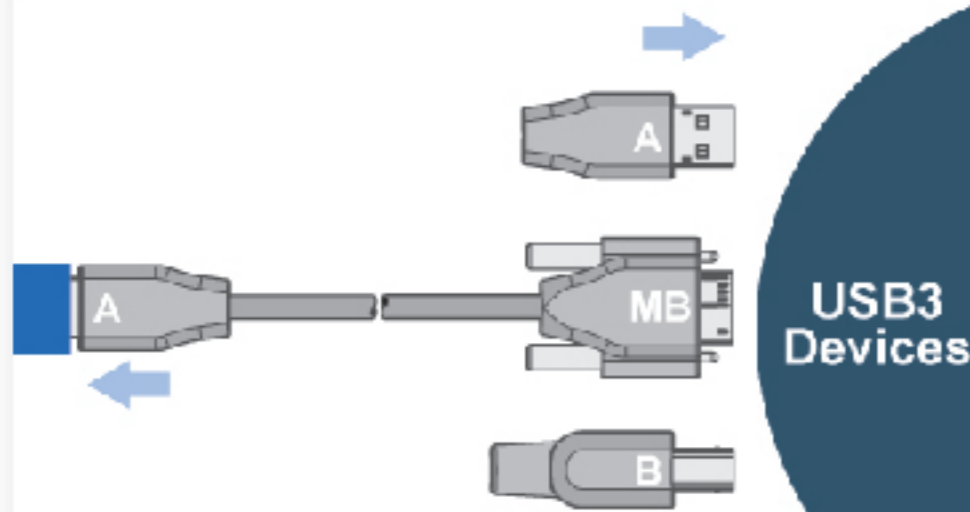
CBL-U3AOC03S

USB3

A to Micro-B : M/M



CBL-U3AOC01 Fits for



Suggested maximum cable length: 3 meters

CBL-U3AOC02 Fits for



Video Conferencing Camera

USB3 Machine Vision Camera

CBL-U3AOC03S Fits for



USB3 Machine Vision Camera

**USB3 MACHINE VISION
LONG DISTANCE CONNECTION**

Active Optical Cables

USB 3.0 bus-powered

Length: 3m / 5m / 8m / 10m



- USB 3.0 bus-powered - external power supply free for cable of all lengths
- Deliver sufficient USB 3.0 bus-power to remote A female end / connected USB 3.0 device / USB3 Machine Vision camera
- 2C optical fiber + 2C copper wire used
- support USB 3.0 data transfer only (USB 2.0 not supported)

CBL-U3AOC04

USB3

A to A Extension : M/F



CBL-U3AOC05

USB3

A to B : M/M



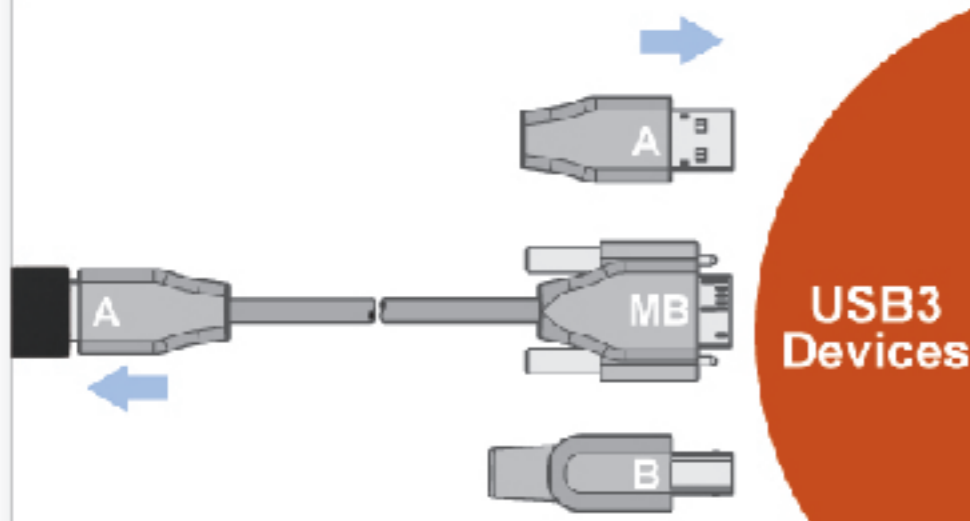
CBL-U3AOC06S

USB3

A to Micro-B : M/M



CBL-U3AOC04 Fits for



Suggested maximum cable length: 3 meters

CBL-U3AOC05 Fits for



Microsoft XBOX ONE Kinect Sensor



Video Conferencing Camera



USB3 Machine Vision Camera

CBL-U3AOC06S Fits for



USB3 Machine Vision Camera

**USB3 MACHINE VISION
LONG DISTANCE CONNECTION**

Active Optical Cables

USB 3.0 bus-powered

Length: 10m / 15m / 20m / 30m / 40m / 50m



- USB 3.0 bus-powered - external power supply free for cable of all lengths
- Deliver USB 3.0 bus-power of 5VDC±5%, 900mA / 4.5W to remote A female / connected USB 3.0 device / USB3 Machine Vision Camera
- 2C optical fiber + 2C copper wire used
- support USB 3.0 data transfer only (USB 2.0 not supported)

CBL-U3AOC07

USB3

A to A Extension : M/F



CBL-U3AOC08

USB3

A to B : M/M



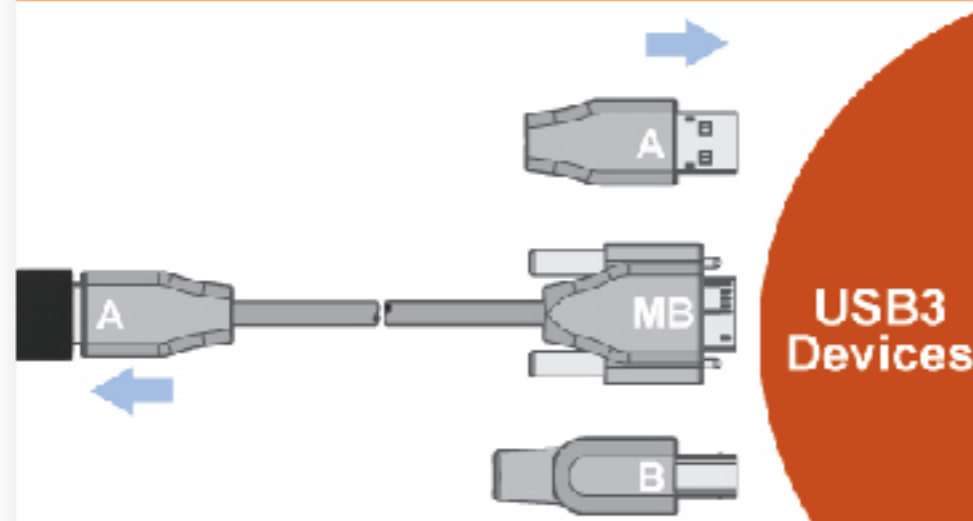
CBL-U3AOC09S

USB3

A to Micro-B : M/M



**CBL-U3AOC07
Fits for**



Suggested maximum cable length: 3 meters

USB3
Devices

**CBL-U3AOC08
Fits for**



Video Conferencing Camera

USB3 Machine Vision Camera

**CBL-U3AOC09S
Fits for**



USB3 Machine Vision Camera



31 years

since 28th. 08. 1987

31st Anniversary



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