

DATA SHEET

MIPI CSI-2 FPC cable 420 mm

Connecting Alvium CSI-2 cameras to
embedded board adapters

Product code
12318

V1.0.0
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NOTICE

Malfunctions and short circuits by damaged cables and connectors

Provide sufficient strain relief for all cable connections.

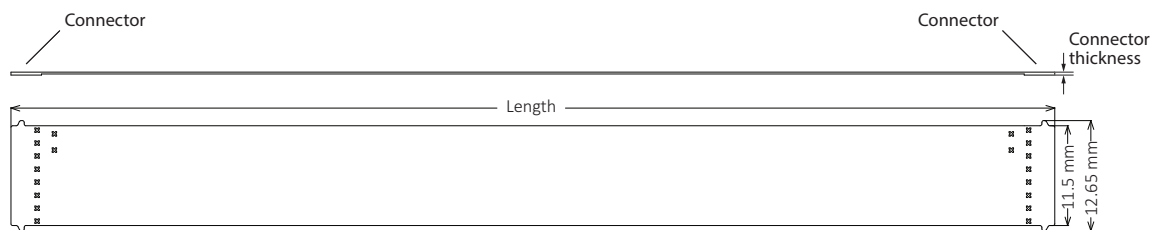


Accessories information

For embedded board adapters, see <https://www.alliedvision.com/en/products/accessories>.

For the Alvium Cameras Accessory Guide, see <https://www.alliedvision.com/en/support/technical-documentation/alvium-documentation.html>.

Dimensions



Connection direction



The arrow print indicates the direction between camera and host (embedded board) to prevent short circuits by reverse polarity, destroying the camera or the embedded board.

Specifications

Feature	Specification
Length × width [mm]	$(420 \pm 0.1) \times (11.5 \pm 0.1)$
Connector thickness [mm]	0.3 ± 0.03
Cable thickness [mm]	~ 0.2
Static bending radius (min.)	10.0 mm
Dynamic bending radius (min.)	For static applications only
Bending cycles (max.)	300
Differential impedance Z_{Diff}	100 Ω
Shielding	Impedance controlled (100 Ω)
Number of connectors	22
Connector pitch	0.5 mm
Compatible connector	Hirose FH55-22S-0.5SH
Supported devices	Alvium CSI-2 cameras, Allied Vision embedded board adapters
Operating temperature range	+5 °C to +65 °C
Regulations	2011/65/EU, incl. amendment 2015/863/EU (RoHS), China RoHS, REACH