

MV-ACC-01-2102-x POWER-I/O SUPERFLEXIBLE CABLE HRS 6P/OPEN



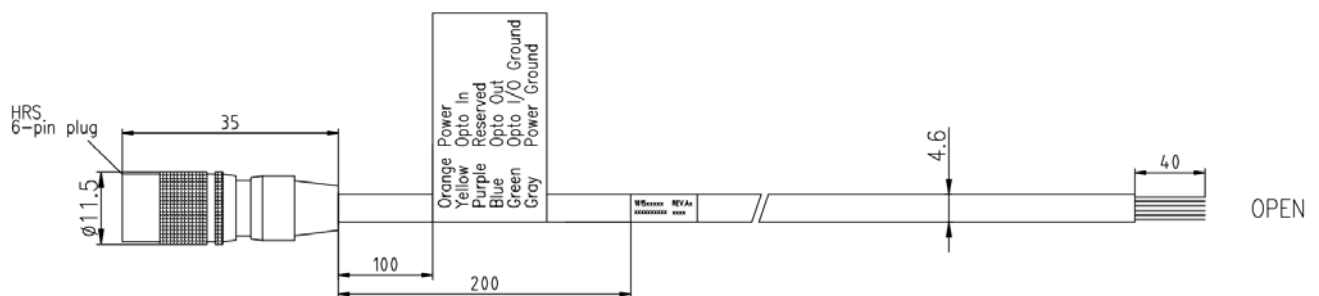
Cable Description:

Accessory	Description	Length	Applicable Camera
POWER-I/O Superflexible CABLE HRS 6P/OPEN	Power-I/O superflexible cable with HRS 6pin connector and open end	3/5/10/15/30 m	Hikvision USB 3.0 Cameras Hikvision GigE Cameras

Order Models:

3m 6pin Power-I/O Superflexible cable: MV-ACC-01-2102-3m
 5m 6pin Power-I/O Superflexible cable: MV-ACC-01-2102-5m
 10m 6pin Power-I/O Superflexible cable: MV-ACC-01-2102-10m
 15m 6pin Power-I/O Superflexible cable: MV-ACC-01-2102-15m
 30m 6pin Power-I/O Superflexible cable: MV-ACC-01-2102-30m

Cable Overview:



Cable Parameters:

Pin Definition

	Pin	Wire Color	Signal	Description
	1	Orange	12 V	DC 12 V
	2	Yellow	Opt-Iso In	Opto-isolated input
	3	Purple	GPIO	Can be configured as input or output
	4	Blue	Opt-Iso Out	Opto-isolated output
	5	Green	I/O Ground	Opto-isolated I/O grounding
	6	Gray	Gnd	Power and GPIO grounding

Table 1: Pin Definition

Physical Specifications

Camera-side Connector	Hirose 6 pin
Host-side Connector	None, open end
Cable Cross-section	26 AWG
Cable Diameter	4.6 mm
Cable Insulation Material	PVC
Outer Jacket	PVC
Cable Color	Black
Minimum Bending Radius	46 mm
Maximum Bending Cycles	5 million times

Table 2: Physical Specifications

Electrical Specifications

Maximum Operating Voltage	300 V
Cable Resistance	≤150 Ω/km

Table 3: Electrical Specifications

Environmental Specifications

Operating Temperature Range	-10 °C-80 °C
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Table 4: Environment Specifications

Plug Specifications

Durability	>1000 mating cycles
Contact Resistance	10 mΩ
Contact Plating	Silver
Plug Insulation Material	POLYAMIDE

Table 5: Plug Specifications

Compliance

RoHS Compliance	✓
UL Compliance	

Table 6: Compliance

Read the user manual for the camera including the precautions before connecting the cable to the camera. The user manual also contains further information about pin assignments, power requirements, as well as comprehensive information about installing and using the camera.



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