

DESCRIPTION

Just one fiber can provide uncompressed HDMI 2.0 video and control!

This cable accessory provides access to infrared (IR) control for the Real4K™ Optical Extender products providing uncompressed HDMI™ video. Using this cable to provide power for the Real4K Optical Extenders also enables bi-directional IR control over the same single fiber that supports the full, uncompressed 18 Gbps HDMI 2.0 video and audio return channel (ARC) with the Real4K Extender.



FEATURES

- Provides access to bi-directional IR control channel in Real4K Optical Extenders for 5V IR Control Systems
- Uses standard 5V USB input power to provide power to Real4K Optical Extenders

WARNING – VERIFY IR COMPONENT COMPATIBILITY!

IR cables have a variety of pinout configurations since there is no industry standard. ***Verify compatibility of the system with the pinout below to ensure that the supply is not shorted to ground!***

This product is designed to be used between an IR detector and a distribution box, but not between a distribution box and an IR emitter. ***THIS IR CABLE DOES NOT SUPPORT 12V SYSTEMS.*** Use in incompatible configurations will damage the product and void the warranty.

Inneos recommends the use of the 5V Vanco IR control products with the Real4K Extenders.

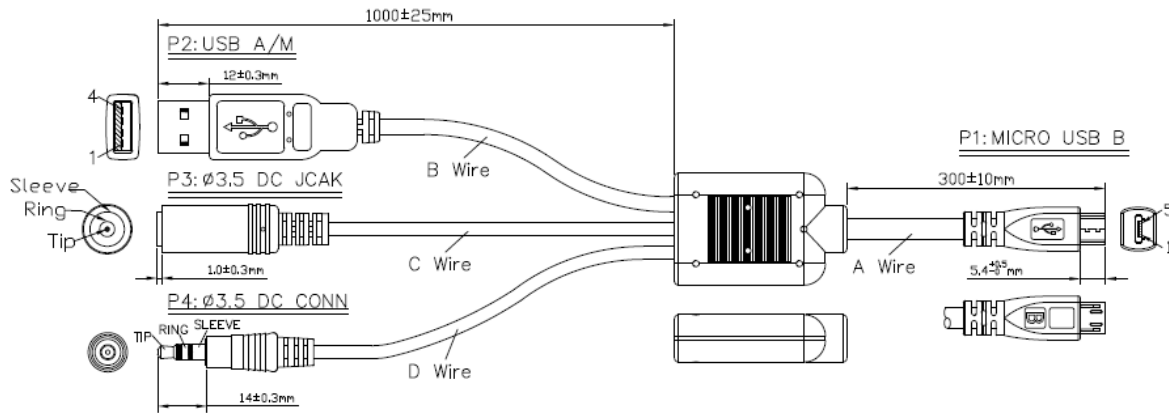
ORDERING INFORMATION

PART NUMBER	DESCRIPTION
R4K-IRB	IR-USB Power Breakout Cable

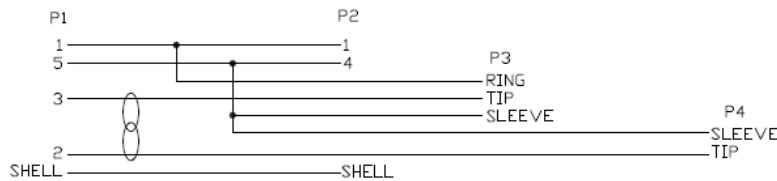
MECHANICAL CHARACTERISTICS

PARAMETER	MIN	MAX	UNIT
Storage Temperature Range	-40	85	°C
Operating Temperature Range	0	70	°C

MECHANICAL DRAWING



- CONNECTOR 1: MICRO USB B MALE, MOLDED HOOD, COLOR BLACK
- CONNECTOR 2: USB A MALE, MOLDED HOOD, COLOR BLACK
- CONNECTOR 3: 3.5mm STEREO JACK, MOLDED HOOD, COLOR BLACK
- CONNECTOR 4: 3.5mm STEREO PLUG, MOLDED HOOD, COLOR BLACK
- WIRE: A:(28AWGx1PR+24AWGx2C)+AEB, USB V2.0, UL+CM+CSA, COLOR BLACK
 B:(24AWGx2C)+EA, UL20276, COLOR BLACK
 C:(28AWGx3C)+EA, UL2919, COLOR BLACK
- PINOUT:



COMPLIANCE

- RoHS - Directive 2002/95/EC