

Technical Data Sheet Rev 06-260601

USB 2.0 480Mbps Isolator 5000 Vrms Dongle

Model Number: CM-M4160-ISO



Features

- Protect sensitive peripherals and host devices with 5,000V DC isolation and USB 2.0 compatibility.
- Ideal for medical, industrial, automotive, and personal applications, this compact USB single-port isolator ensures safety and reliability in high-voltage environments.
- High-Speed Data Transfer: Supports USB 2.0 speeds up to 480Mbps.
- Robust Protection: Shields connected equipment and host against surges, ground loops, and ESD.
- Power Options: Bus-powered or use optional DC barrel power input (3.5mm x 1.3mm) for high power consumption devices (e.g. USB optical scanner or USB thermal printer)

Package Contents

- Adapter

Specifications

OVERVIEW

Model No	CM-M4160-ISO	Product Type	USB Isolator
Compliance	REACH RoHS TAA	UPC	736983900296
Country of Origin	Taiwan	LED indicators	Power
Electrical Protections	25kV Surge Protection		

PHYSICAL

Ship Weight (lbs)	0.17 lbs	Ship Weight (kg)	0.08 kg
Material	Plastic	Color	Black
Mountable	Surface Mount	Cable Length (ft)	0.5
Cable Length (in)	6	Cable Length (m)	0.15

Specifications Cont.

CONNECTIONS

USB Specification	USB 2.0
Upstream Port Type	USB 2.0 Type A Male Fixed Plug
Maximum Data Rate	480 Mbps
Downstream Port Count	1
Downstream Port Type	Type-A
Can be Bus Powered	Y - Supports Bus Power

ENVIRONMENTAL

Operating Temperature	-20C ~ 50C
Storage Temperature	-20C ~ 50C
Operating Humidity	15 ~ 85% RH

OS SUPPORT

Supported Operating Systems	Linux OSX 10 Windows 11 Windows 10 Windows 8 Windows 7 Windows Vista Windows XP
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WARRANTY

Warranty Period	1 Year
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PRODUCT URL

Product Page	https://www.coolgear.com/product/usb-isolator-5000-vrms-dongle
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