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Technical Data Sheet Rev 06-250801

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.
- Wide Compatibility: Works with Windows, macOS, and Linux.

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)**	3
Cable Length (in)	36	**Cable Length (m)**	0.91

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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

WARRANTY

Warranty Period	1 Year

PRODUCT URL

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

USB CHARGING & CONNECTIVITY EXPERTS

We Speak Your Speak

When you reach out to Coolgear support, you'll find yourself in the hands of a solution-oriented and knowledgeable expert ready to answer whatever question you throw at them. Go ahead, test us.

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