



GYRRH Engardrado Series USB 2.0 Cables

Version 1.0 (March 1, 2015 – Present)

Minimal packaging utilized to reduce waste; recycle where appropriate. Keep product(s) and packaging material away from infants and small children.

This document covers the following Universal Serial Bus (USB) 2.0 power/charge-only cables; coaxial cables are manufactured as center positive unless requested as center negative:

- 5-Pin Micro-B and Mini-B
- Garmin® nüvi® Mini-B
- Type-M (Black Tip, 5.5mm x 2.1mm)

Features

- Charge USB 2.0 devices faster in many computers, power/car adapters and external battery packs; cables cannot transmit or sync data.
- Coaxial Cables can power and charge 5-Volt devices from many USB power sources.
- Sizes between 3”in. (7.62cm) and 15’ft. (457.2cm).
- Built-In Resettable Fuse.
- Can be used in personal and work environments where USB data connectivity is prohibited and power-only USB is acceptable.
- 22 American Wire Gauge (AWG) Tinned Copper Conductors.

Power/charge-only cables allow more power to be transferred from USB power sources to devices. These specialized cables cannot transmit data – they are exclusively used for power transmission by signaling USB power sources to allow power throughput comparable to using a wall adapter.

Designed for personal and commercial use with many computers, power/car adapters, external battery packs, electrical receptacles with high-power USB ports and other USB power sources. Suitable for use in high-humidity regions and areas not exceeding 182°F (83°C). Technical information available at onetruegem.com/manuals.

Note: Measurements are approximate and vary due to manufacturing process. Extension cables limit effectiveness and should not be used.

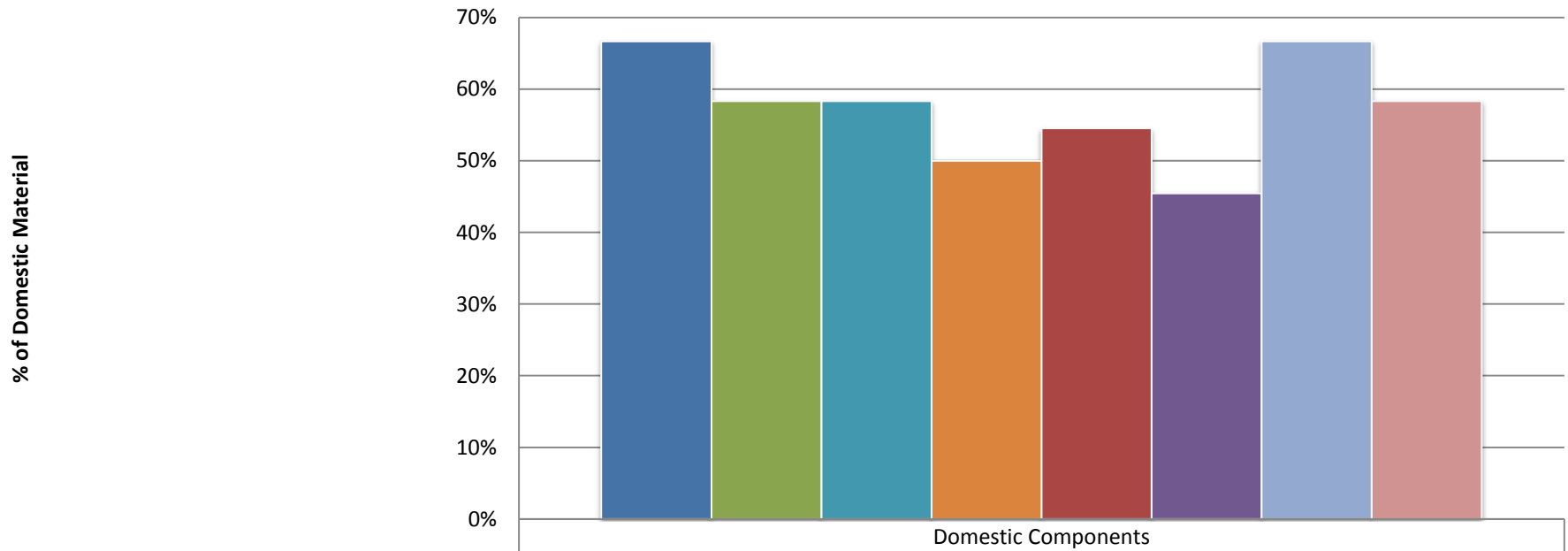


Technical Information

	Conductor (x2)	Auxiliary Wire	Primary Insulation	Secondary Insulation (Coaxial)	Secondary Insulation (Non-Coaxial)	Sleeving	Fuse
Wire	22 AWG	26 AWG					
Color	Varies		Varies	Varies	Varies	Varies	
Strand/Gauge	7/30	7/34					
Maximum Voltage	300V		600V		600V		
UL VW-1	Yes			Flame Retardant		Yes	Flame Retardant
UL Style/Rating	1007/1569 Dual-Rated					UL-94	UL94V-0
RoHS Compliant	Yes						
Halogen Free			Yes			Yes	
Hold Current (A)							3.0
Trip Current (A)	Temperatures above this value will cause the fuse to trip sooner; below this value to take longer, not to exceed maximum Trip Current.						5.1 @ 73.4°F (23°C)



Core Product Material Composition



Domestic Components	
■ 5-Pin Micro- and Mini-B (Yellow)	67%
■ 5-Pin Micro- and Mini-B (Other Colors)	58%
■ 5-Pin Mini-B for Garmin® nüvi® (Yellow)	58%
■ 5-Pin Mini-B for Garmin® nüvi® (Other Colors)	50%
■ Coaxial (Yellow)	55%
■ Coaxial (Other Colors)	45%
■ 5-Pin Mini-B for Rollei® Actioncam (Yellow)	67%
■ 5-Pin Mini-B for Rollei® Actioncam (Other Colors)	58%



Applicable Components:

- Wire
- Polyolefin (outer only for coaxial)
- Braiding/Sleeving
- Fuse (U.L., TÜV, RoHS)

Cables manufactured by ONETRUEGEM, LLC Photovoltaics and Light Research (OTGP Solar Energy) in Washington, D.C., United States. GYRRH is a trademark of OTGP Solar Energy.

“Type-M” and comparably-named terminals conform to the Adaptaplug connector series developed, trademarked and/or owned by the Radio Shack Corporation. The U.L. Recognized Components Mark is a registered trademark of UL LLC. The CSA Mark is a registered trademark of the CSA Group. The TÜV identifier is a registered trademark of The TÜV Rheinland Group. Garmin® and nüvi® are registered trademarks of Garmin Ltd. or subsidiaries. Fuse data provided by Littelfuse.

Warranty

ONETRUEGEM, LLC (“OTGP Solar Energy,” “we”) warrant(s) this product to protect personal and commercial customers (“you”) from manufacturer defects, elemental and accidental damage for a period of 12 (twelve) months from the actual delivery or in-person sale date; where no delivery date exists, two weeks from the actual shipment date.

Devices connected to this product are not warranted or extended protection by this warranty. If a warranty request is made, you are responsible for non-refundable shipping costs incurred returning merchandise to be serviced.

Contact us at onetruegem.com/contact for assistance and onetruegem.com/support for warranty and returns information.