



GYRRH: USB 2.0 Cables

Version 1.2 (August 9, 2014 – Present)

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
- 5-Pin Mini-B
- 2.5mm Outer Diameter (O.D.) x 0.7mm Inner Diameter (I.D.)
- Type-B^{A1} (4.0mm x 1.7mm)
- Type-M/N (5.5mm x 2.1mm and 5.5mm x 2.5mm) – Yellow Tip
- Type-M Only (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. (7.6cm) and 10' ft. (304cm).
- 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, 26 AWG Data Short; Wires and Polyolefin are UL, CSA Listed and RoHS 2 Compliant.
- Manufactured in the U.S.A from at least 70% domestic material.

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, non-commercial use with many computers, power/car adapters, external battery packs, electrical receptacles with high-power USB ports and other USB power sources. 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 unless required.

Choosing a Cable

Short cables allow higher power transmission but can be rigid and inflexible; long cables have lower power transmission but are more flexible and convenient to use.

Warranty

ONETRUEGEM, LLC ("OTGP Solar Energy," "we") warrant(s) this product to protect non-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.



Technical Information

	Conductor (x2)	Data Short	Primary Insulation
Wire	22 AWG	26 AWG	
Color	Varies		Yellow, Black
Strand/Gauge	7/30	7/34	
Maximum Voltage	300V		600V
UL VW-1	Yes		
UL Style	1007/1569 Dual-Rated		
RoHS Compliance	Meets RoHS 2 Compliance		

Product, packaging and shipping material composition

USB 2.0 5-Pin Mini and Micro-B Cables

Country of Origin: U.S.A.	Domestic	Imported
Core Product (No Packaging)	75%	25%
Final Product (Standard Packaging) ^{^2}	78	22
Final Product (Hanging Packaging)	80	20
Shipping (All sizes excluding freight)	100	

USB 2.0 Coaxial Cables

Country of Origin (Cable): U.S.A.	Domestic	Imported
Core Product (No Packaging)	78%	22%
Final Product (Standard Packaging) ^{^2}	80	20
Final Product (Hanging Packaging)	82	18
Shipping (All sizes excluding freight)	100	

^{^1} "Type-B" and comparably-named terminals conform to the Adaptaplug connector series developed, trademarked and/or owned by the Radio Shack Corporation.

^{^2} Minimal packaging utilized to reduce waste; recycle where appropriate. Keep packaging material away from infants and small children.



Models

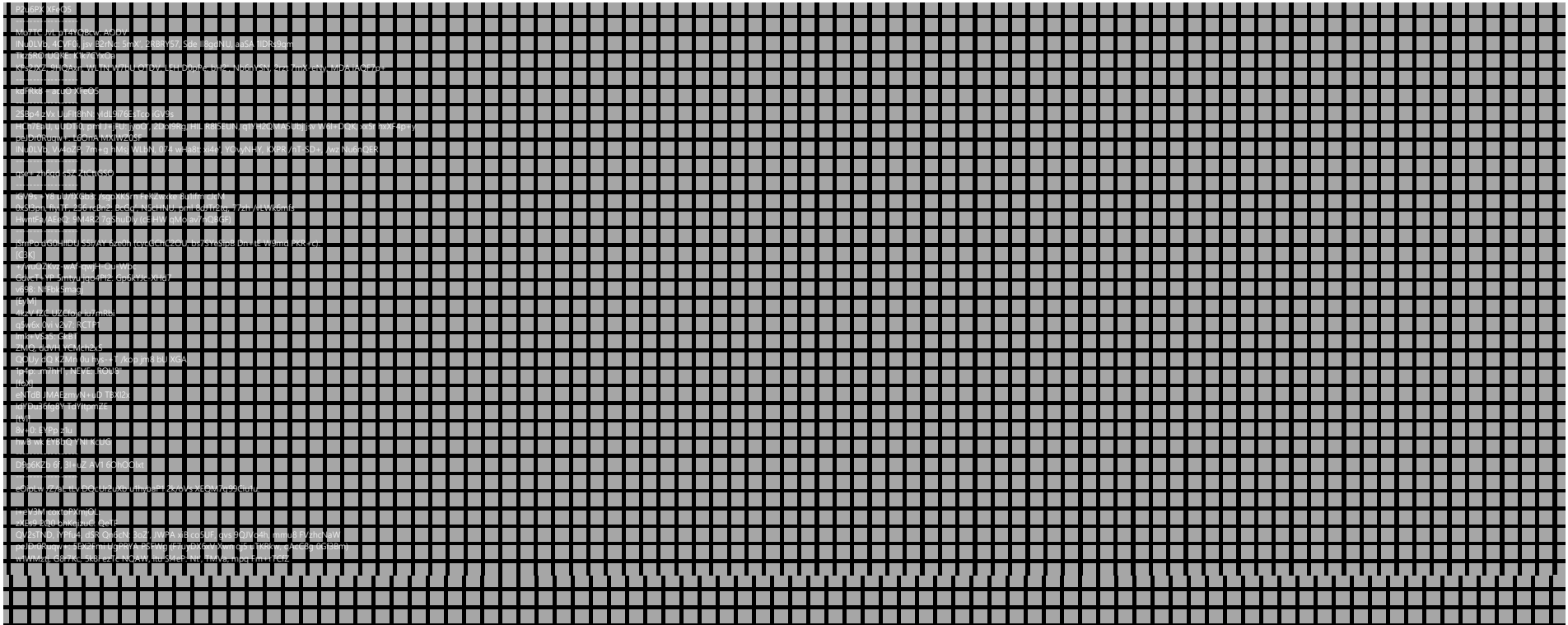
Universal Product Code (UPC)	X represents length in ft.	Connector						Color			
		USB 2.0 Male	5-Pin Micro-B Male	5-Pin Mini-B Male	2.5mm x 0.7mm Male	Type B Male	Type M Male	Yellow Insulation	Black Insulation	Yellow Coaxial*	Black Coaxial
609722637916	GYRRH-TAIYO-USB2-MICRO5-X	Δ	Δ					Δ			
	GYRRH-OYASUMI-USB2-MICRO5-X	Δ	Δ						Δ		
640626344074	GYRRH-TAIYO-USB2-MINI5-X	Δ		Δ				Δ			
	GYRRH-OYASUMI-USB2-MINI5-X	Δ		Δ					Δ		
700598303674	GYRRH-TAIYO-USB2-TYPEB-X	Δ				Δ		Δ		Δ	
	GYRRH-OYASUMI-USB2-TYPEB-X	Δ				Δ			Δ	Δ	
616913280554	GYRRH-TAIYO-USB2-TYPEM-X	Δ					Δ	Δ		Δ	
	GYRRH-OYASUMI-USB2-TYPEM-X	Δ					Δ		Δ	Δ	
	GYRRH-TAIYO-USB2-TYPEM-0-X	Δ					Δ	Δ			Δ
	GYRRH-OYASUMI-USB2-TYPEM-0-X	Δ					Δ		Δ		Δ
609015129418	GYRRH-TAIYO-USB2-25X07-X	Δ			Δ			Δ		Δ	
	GYRRH-OYASUMI-USB2-2507-X	Δ			Δ				Δ	Δ	

*In addition to their stated size, yellow coaxial connectors can power the next closest size. Yellow connectors have a "firm" connection while black connectors are "very firm."



Internal Audit Data; customers may disregard this section.

Last Performed January 3, 2015



Wire and Polyolefin U.L. and CSA Listed. All applicable material lead/conflict-free and meets or exceeds RoHS 2 compliance.

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