

USB-C AC20

AC Powered USB-C Converter with 20W Output Power



WirelessKable Inc.

Proudly Made in CANADA with domestic and imported parts

Document Revision C

SPECIFICATIONS

Input Voltage	85 – 264 VAC wild frequency 50 – 800 Hz
Input Current	0.17A @ 115 VAC Efficiency 82% Typical
Output Voltage	5 VDC, 9 VDC, 12 VDC, 15 VDC, 20 VDC
Output Current	3.0 A max on some profiles up to 5 power data objects (PDO)
USB Connector	USB type C
Weight	0.441 lb (200 g)
Dimensions	Product 1.32" W / 1.07" L / 2.31" H
Mounting	Side Screw #6-32
Certification	RTCA DO-160G Compliance with EN50155 Design as per USB PD rev 2.0
Applications	Aerospace, Railways, Automotive, Military
Appearance	Standard - Gray Anodized
Protections	Output overcurrent, Output short-circuit, Over-temperature Reinforced double I/O isolation according to medical safety standards
Installation	Mode 1 - One Phase with Null Mode 3 - Three Phase (no Null) Daisy Chain Connectivity (Mode 1 or 3)
Used With	551-5527-001 - USB-C Faceplate
MTBF	300,000 Hours

ORDERING INFORMATION

Part Number	551-5227-701 <i>Contains:</i> 1 x 551-5227-001 1 x 551-5527-001
Description	USB-C AC20 with Faceplate <i>Mode 1</i>
Part Number	551-5227-703 <i>Contains:</i> 1 x 551-5227-003 1 x 551-5527-001
Description	USB-C AC20 with Faceplate <i>Mode 3</i>



DESCRIPTION

High-efficiency Wild Frequency AC to DC power converter with Daisy-chain capability.

Limited to 20W output for commercial cabin (can charge Laptops)

FEATURES

- A very small footprint
- One or three Phase power input
- Daisy-chain installation (reduced cost of installation)
- No TRU is needed for seat rows
- Customizable (platable) USB-C faceplate
- Cost-effective solution