

USB-C DC100FM

DC Powered USB-C DC Flange Mounted Converter with 100W Power Output



WirelessKable Inc.

Proudly Made in CANADA with domestic and imported parts

Document Revision B

SPECIFICATIONS

Input Voltage	24 – 32 VDC
Input Current	3.9A @ 28VDC when 100W is required Efficiency 90% Typical
Output Voltage	5 VDC, 9 VDC, 12 VDC , 15 VDC, 20 VDC
Output Current	5.0 A for each output voltage up to 5 power data objects (PDO)
USB Connector	USB type C
Weight	0.088 lb (40 g)
Dimensions	Faceplate 1.47" W / 1.47" L / 0.075" H Cut-out 1.35" W / 1.35" L Product 1.47" W / 1.47" L / 2.76" H
Mounting	Front with Spring Clips
Certification	RTCA DO-160G Compliance with EN50155 Design as per USB PD rev 2.0
Applications	Aerospace, Railways, Automotive, Military
Appearance	Standard - Gray Anodized Optional plating on demand
Protections	Output overcurrent, Output short-circuit, Over-temperature
Used With	551-5407-001 - USB-C Cable 551-5507-001 - USB-C Faceplate 551-5607-001 - USB-C to HDMI Converter
MTBF	300,000 Hours

ORDERING INFORMATION

Part Number	551-5117-001
Description	USB-C DC100



DESCRIPTION

High-efficiency DC to DC power converter.

USB-C output with 5 Power Distribution (PD) programmable profiles.

FEATURES

- High-efficiency power converter
- A very small footprint
- 5 Programmable Power Distribution Profiles (can reduce the power output to desired values)
- Cost-effective solution
- Customizable Power Distribution profiles to reduce the maximum power to 80W, 60W or 45W