

# DUAL MODULAR USB

## Overview

Amphenol PCD's dual modular power charger provides customers with the ultimate in performance and maintainability. With APCD's dual modular power, the charging connector can be removed and replaced without having to replace the entire body of the charging unit when the USB-A and USB-C connector inevitably fails after repeated mating and un-mating. Available from 10.5W up to 60W, and configurable in any variation of USB-A and USB-C, APCD's dual modular charger reduces down time, saves on replacement cost, and extends the life of initial purchase.

## Features

Removeable modular ports
Lightweight and robust thermoplastic housing
Overcurrent and over temperature protection
Thermal management and auto load balancing
Configurable in any combination: USB A/C, C/A, A/A and C/C
Light pipe charging indicator
DO-160 compliant



## Specifications

Electrical	
Input Voltage	28VDC $\pm$ 10%
USB-A Output Voltage	5VDC
USB-A Output Current	2.1A Max
USB-C Output Voltage (configurable per USB PD)	5VDC, 9VDC, 15VDC, 20VDC
USB-C Output Current	3A Max
USB Charging Schemes	USB BC 1.2 (DCP, CDP, SDP), Apple Charging, USB PD 3.0
Physical	
*Approximate Weight (grams)	4.0 oz. (113)
*Approximate Dimensions H"xW"xD" (mm)	3" X 2" X 2" (76 X 51 X 51)
Mating Cycles	30,000 each port
Operating Temperature	
Upper Limit	+55C
Lower Limit	-15C