

The USB A Female Flange Vertical Header with Dupont Breakout Board provides easy access to USB connections for prototyping and custom projects. Its compact design eliminates mounting flanges, offering flexible placement on breadboards or enclosures, while maintaining reliable data transfer and power support for diverse applications.

Specifications:

- PCB: 18.6mm x 19.7mm x 1.54mm
- Overall Size: 30.3mm x 19.7 x 9.7mm
- Mounting Holes: M3 x 2
- Breaks out the four main USB pins: XH2.54 Vertical
- Pitch 2.54mm
- VCC (5V) – power
- D- (Data -)
- D+ (Data +)
- GND (Ground)
- USB Connector:
- Model: USB 2.0
- Number of Contacts: 4P
- Gender: Female
- Mounting Type: Right Angle
- Current Rating: 1.5A
- Voltage Rating: 30V
- Operating Temperature -25°C~+85°C
- Connector Type Type-A
- Connect-Disconnect Life 5,000 Cycles
- Cable: XH2.54 to 4 Single Dupont
- Length: 20cm
- Connector Type: JST XH2.54 - Dupont 2.54
- Wire: UL-1007 AWG-26 PVC 7x0.12ts 1.3mm
- Voltage Rating: 300v
- Current Capacity (Amps): 2–3 A short-term, 1–2 A continuous.
- Chassis wiring / free air 2.2–3 A
- Bundled inside a cable/enclosure: 1–2 A
- Short runs (<1 m), low ambient temp: ~3 A possible
- Longer runs or continuous current: Keep ≤ 2 A to avoid overheating

