# IP68 Sealed - Mini USB Buccaneer



**The Mini USB Buccaneer provides a compact solution for USB connections in industrial environments.**

Utilising the industry standard Mini 'B' connection for the panel connection, the latest in the USB Buccaneer range offers a secure secure, robust connection performing to USB V2.0, where dust or water could prove detrimental to system operation. The system is fully shielded providing good levels of noise immunity and EMI protection. Cables are fully overmoulded construction offering secure, tamper-proof connections.

## Features

| | |
|---|---|
| IP68 rated | dust & waterproof to EN60529 |
| USB V2.0 | data rates up to 400Mbs |
| Shielded system | high noise immunity |
| Overmoulded cables | tamperproof construction |
| Screw coupling | secure, proven locking |

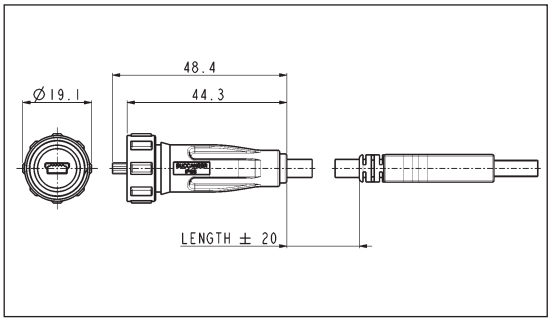
## Specification

| | |
|---|---|
| Sealing | IP68, to EN60529 |
| Poles | 5 |
| Current rating | 1A |
| Voltage rating | 30Vac, 42Vdc |
| Contact plating | 50 micron gold |
| Contact resistance | 50Ω |
| Mating cycles | 5,000 |
| Connector body | UL94V-0 rated |
| Temperature rating | –20°C to +70°C |
| Performance | USB V2.0 |
| RoHS | Compliant |

## SEALED MINI USB CABLES - SINGLE ENDED

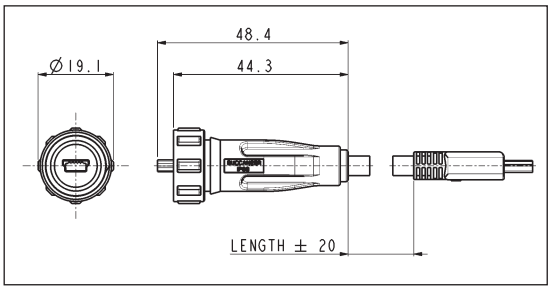
**PX0441**

- Standard 'A' type to sealed Mini 'B' type
- Fully overmoulded construction
- Available in 2, 3 & 4.5m lengths
- Mates with PX0443, PX0446 & PX0447



**PX0442**

- Mini 'A' type to sealed mini 'B' type
- Fully overmoulded construction
- Available in 2, 3 & 4.5m lengths
- Mates with PX0443, PX0446 & PX0447

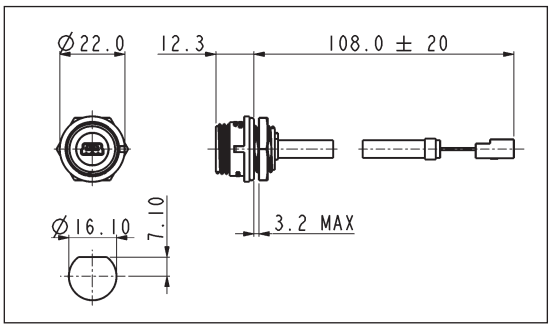



| Part No. | Description | Length |
|---|---|---|
| PX0441/2M00 | IP68 mini 'B' to Std 'A' type USB | 2.0m |
| PX0441/3M00 | IP68 mini 'B' to Std 'A' type USB | 3.0m |
| PX0441/4M50 | IP68 mini 'B' to Std 'A' type USB | 4.5m |
| PX0442/2M00 | IP68 mini 'B' to Mini 'A' type USB | 2.0m |
| PX0442/3M00 | IP68 mini 'B' to Mini 'A' type USB | 3.0m |
| PX0442/4M50 | IP68 mini 'B' to Mini 'A' type USB | 4.5m |

# Mini USB Buccaneer®

## FRONT PANEL MOUNTING CONNECTOR

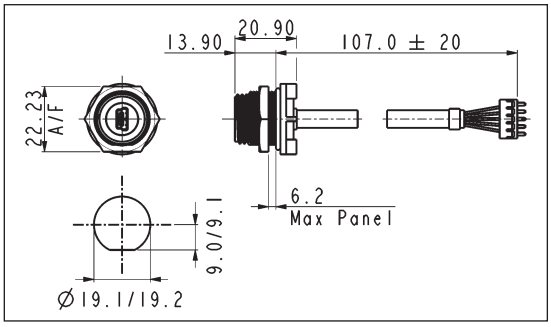
- Mini 'B' type
- Leaded with 5 way crimp, for use with PC header
- Mates with PX0441 & PX0442 type cables



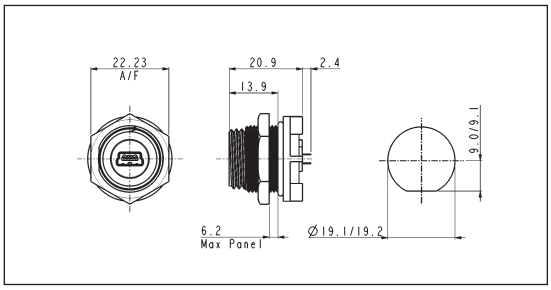

| Part No. | Description |
|---|---|
| PX0443 | IP68 B type Mini USB, front panel mounted. 5 way crimp connector at rear. |

## REAR PANEL MOUNTING CONNECTOR

- Mini 'B' type
- Leaded with 5 way header
- Mates with PX0441 & PX0442 type cables



- Mini 'B' type
- With pins for direct PC mounting
- Mates with PX0441 & PX0442 type cables




| Part No. | Description |
|---|---|
| PX0446 | IP68 B type Mini USB, rear panel mounted. 5 way header connector at rear. |
| PX0447 | IP68 B type Mini USB, rear panel mounted. PC terminals at rear. |

## ACCESSORIES

- Sealing caps to maintain IP rating when connectors are not in use
- 5 way headers for use with PX0443

| Part No. | Description |
|---|---|
| PX0485 | Sealing cap for use with PX0441 and PX0442 |
| PX0480 | Sealing cap for use with PX0443 |
| PX0484 | Sealing cap for use with PX0446 & PX0447 |
| 14191 | 5 way straight header |
| 14192 | 5 way right angle header |