

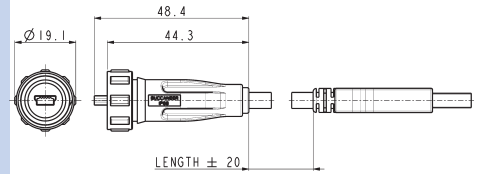
- ⊞ IP68, Tested in accordance with EN60529:1992+A2:2013
- ⊞ IP69K, Tested in accordance with DIN 40050/Part 9 IP6k9k
- ⊞ USB version 2.0 performance
- ⊞ Plug and play capability
- ⊞ Shielded system
- ⊞ Overmoulded cables
- ⊞ Screw coupling
- ⊞ PCB versions
- ⊞ Dust and waterproof to EN60529
- ⊞ Data rates up to 480Mbps
- ⊞ Hot pluggable, standard 4 Contacts interface
- ⊞ High noise immunity
- ⊞ Tamperproof construction
- ⊞ Secure, proven locking system
- ⊞ Direct mounting or via adaptor leads
- ⊞ EN60068-2-52 Test Kb Salt Mist (Cyclic) Marine Severity Level 1

Sealed Mini 'B' to Standard 'A'



PX0441

- IP68 Sealed Mini 'B' Plug to Standard 'A' Plug
- Fully overmoulded construction
- Available in 2, 3 & 4.5m lengths
- Mates with PX0443, PX0446, PX0447, PX0456, PX0457 & PX0458

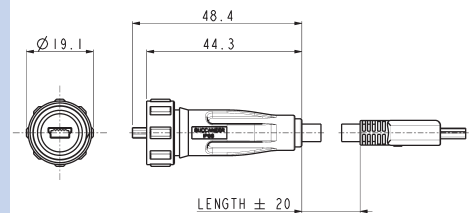


Sealed Mini 'B' to Mini 'A'



PX0442

- IP68 Sealed Mini 'B' Plug to Mini 'A' Plug
- Fully overmoulded construction
- Available in 2, 3 & 4.5m lengths
- Mates with PX0443, PX0446, PX0447, PX0456, PX0457 & PX0458

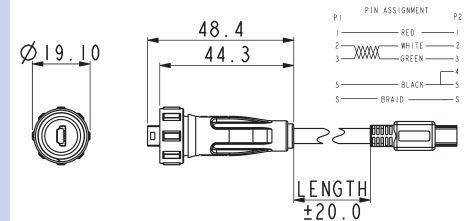


Sealed Mini 'A' to Mini 'B'



PX0444

- IP68 Sealed Mini 'A' Plug to Mini 'B' Plug
- Fully overmoulded construction
- Available in 2, 3 & 4.5m lengths
- Mates with PX0456, PX0457 & PX0458



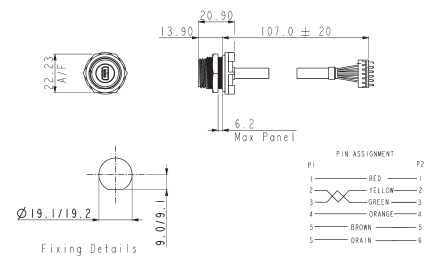
Part No.	Length	Description
PX0441/2M00	2.0m	IP68 Sealed Mini 'B' to Standard 'A' Type USB
PX0441/3M00	3.0m	IP68 Sealed Mini 'B' to Standard 'A' Type USB
PX0441/4M50	4.5m	IP68 Sealed Mini 'B' to Standard 'A' Type USB
PX0442/2M00	2.0m	IP68 Sealed Mini 'B' to Mini 'A' Type USB
PX0442/3M00	3.0m	IP68 Sealed Mini 'B' to Mini 'A' Type USB
PX0442/4M50	4.5m	IP68 Sealed Mini 'B' to Mini 'A' Type USB
PX0444/2M00	2.0m	IP68 Sealed Mini 'A' to Mini 'B' Type USB
PX0444/3M00	3.0m	IP68 Sealed Mini 'A' to Mini 'B' Type USB
PX0444/4M50	4.5m	IP68 Sealed Mini 'A' to Mini 'B' Type USB

Rear Panel Mounting Connector



PX0457

- Mini 'AB' Type Receptacle
- Leaded with 6 way header
- Mates with PX0441, PX0442 & PX0444 type cables

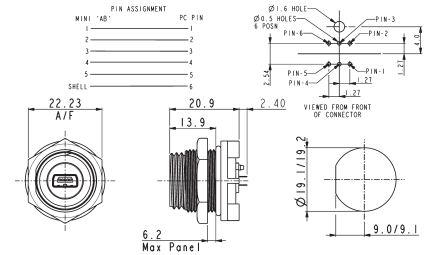


Rear Panel Mounting Connector



PX0458

- Mini 'AB' Type Receptacle
- With Plugs for direct PCB mounting
- Mates with PX0441, PX0442 & PX0444 type cables



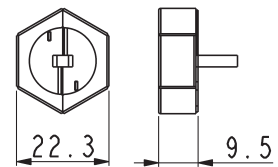
Part no.	Description
PX0457	IP68 AB type Mini USB, rear panel mounted. 6 way header connector at rear.
PX0458	IP68 AB type Mini USB, rear panel mounted. PCB terminals at rear.

Screening Can



PX0464

- Maintains cable shielding directly to panel
- Shielding can clips around the panel fixing nut
- For use on PX0459



Accessories



- Sealing caps to maintain IP rating when connectors are not in use
- PCB headers for use with PX0443 & PX0456

Part no.	Description
PX0485	Sealing cap for use with PX0441, PX0442 & PX0444
PX0480	Sealing cap for use with PX0443 & PX0456
PX0484	Sealing cap for use with PX0446, PX0447, PX0457 & PX0458
14191	5 way straight header
14192	5 way right angle header
14563	6 way straight header
14564	6 way right angle header

Cables & connectors

Mechanical

Sealing IP68, EN60529:1992+A2:2013 (10m depth for 2 weeks)
 IP69K, Tested in accordance with DIN 40050/Part 9 IP6k9k

Operating temperature 0°C to +70°C
 Salt Mist EN60068-2-52 Test Kb Salt Mist (Cyclic)
 Marine Severity Level 1

Electrical

No. of Contacts 4 and 5
 Current rating 1A
 Voltage rating 30V AC, 42V DC
 Contact resistance 50m Ω max.
 Performance USB version 2.0

Materials - Overmoulded

Overmould material PVC (black)
 Flammability rating UL94V-0

Materials - Re-wireable and Panel Connectors

Shell material Steel
 Shell plating Nickel
 Contact material Copper Alloy
 Contact plating 50 micro inch Gold
 Connector body & locking ring Polyester
 Panel connector Nylon 6
 Flammability rating UL94V-0
 'O' rings Nitrile
 Mating cycles 5,000
RoHS Compliant

Materials - cable

Cable Jacket PVC (black)
 Screen Tinned copper braid
 Flammability UL94V-0
RoHS Compliant

Length:	Dia	Conductors Signal	Conductors Power
2m	4.8mm	2 x 28AWG	2 x 24AWG
3m	5.0mm	2 x 28AWG	2 x 22AWG
5m	5.2mm	2 x 25AWG	2 x 20AWG

Cable construction - PX0441, PX0442, PX0444

