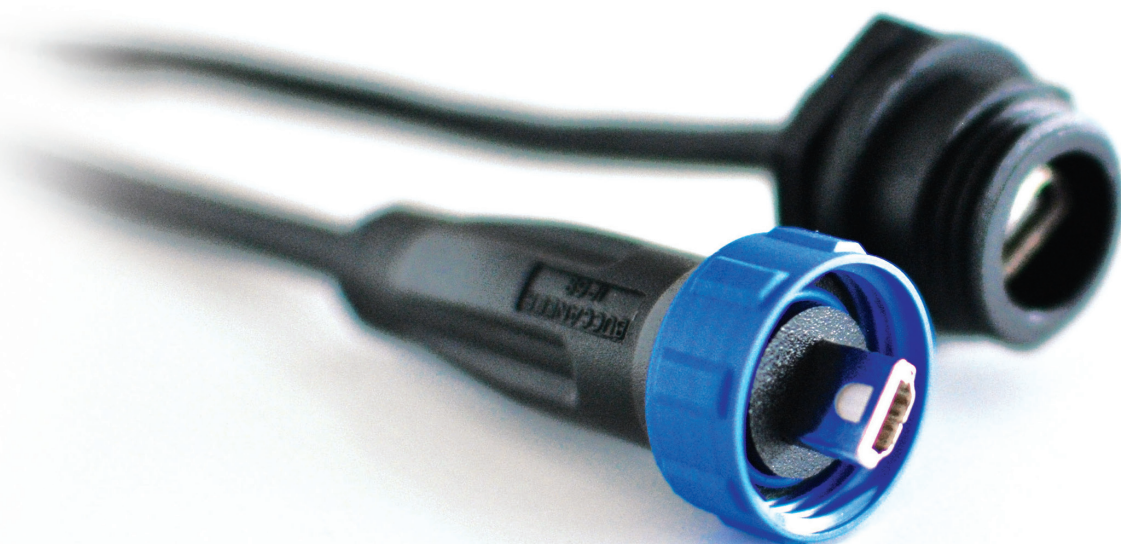


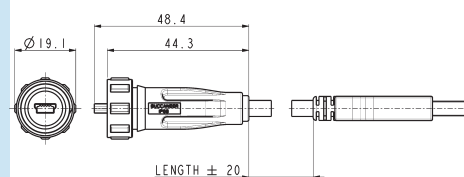


- ⬡ IP68 rated
- ⬡ IP69K, Tested in accordance with DIN 40050/Part 9 IP6k9k
- ⬡ USB V2.0 performance
- ⬡ Plug and play capability
- ⬡ Shielded system
- ⬡ Overmoulded cables
- ⬡ Screw coupling
- ⬡ PCB versions
- ⬡ Dust and waterproof to EN60529
- ⬡ Data rates up to 480Mbps
- ⬡ Hot pluggable, standard 4 pole 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



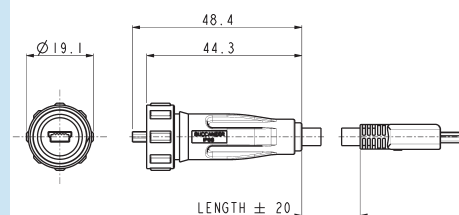
PX0441

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



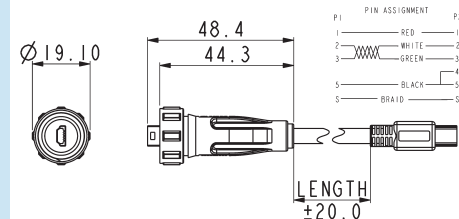
PX0442

- ⬡ Mini 'A' type to sealed mini 'B' type
- ⬡ Fully overmoulded construction
- ⬡ Available in 2, 3 & 4.5m lengths
- ⬡ Mates with PX0443, PX0446, PX0447, PX0456, PX0457 & PX0458



PX0444

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



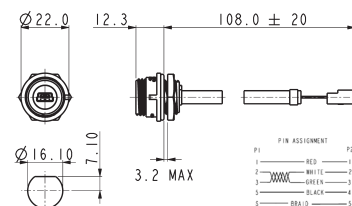
Part No.	Length	Description
PX0441/2M00	2.0m	IP68 mini 'B' to Std 'A' type USB
PX0441/3M00	3.0m	IP68 mini 'B' to Std 'A' type USB
PX0441/4M50	4.5m	IP68 mini 'B' to Std 'A' type USB
PX0442/2M00	2.0m	IP68 mini 'B' to Mini 'A' type USB
PX0442/3M00	3.0m	IP68 mini 'B' to Mini 'A' type USB
PX0442/4M50	4.5m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

Front Panel Mounting Connector



PX0443

- 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.

PX0459

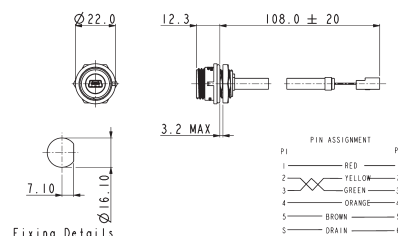
As PX0443 with exposed braid for use with PX0464 screening can

Front Panel Mounting Connector



PX0456

- Mini 'AB' type
- Leaded with 6 way crimp, for use with PC header
- Mates with PX0441, PX0442 & PX0444 type cables



Part no.

Description

PX0456

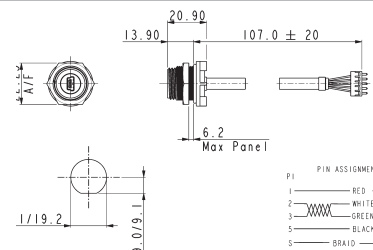
IP68 AB type Mini USB, front panel mounted. 6 way crimp connector at rear.

Rear Panel Mounting Connector



PX0446

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

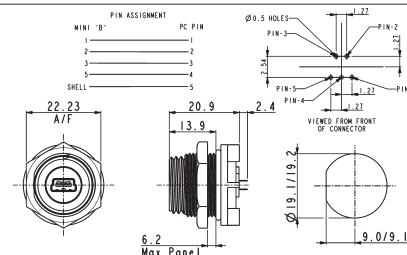


Rear Panel Mounting Connector



PX0447

- 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

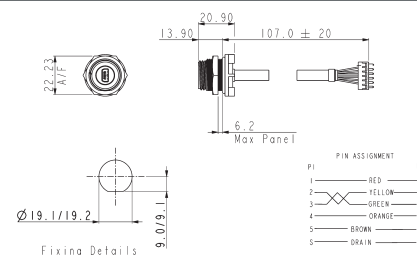
IP68 B type Mini USB, rear panel mounted. PC terminals at rear.

Rear Panel Mounting Connector



PX0457

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

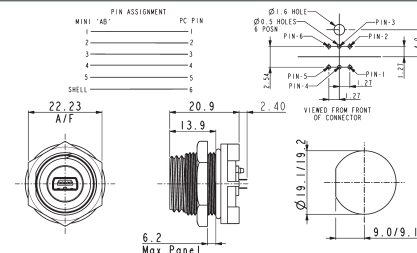


Rear Panel Mounting Connector



PX0458

- Mini 'AB' type
- With pins for direct PC mounting
- Mates with PX0441, PX0442 & PX0444 type cables



Part no.

Description

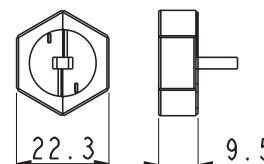
PX0457	IP68 AB type Mini USB, rear panel mounted. 6 way header connector at rear.
PX0458	IP68 AB type Mini USB, rear panel mounted. PC terminals at rear.

Screening Can



PX0464

- Maintains cable screening 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 poles 4 and 5
Current rating 1A
Voltage rating 30Vac, 42Vdc
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

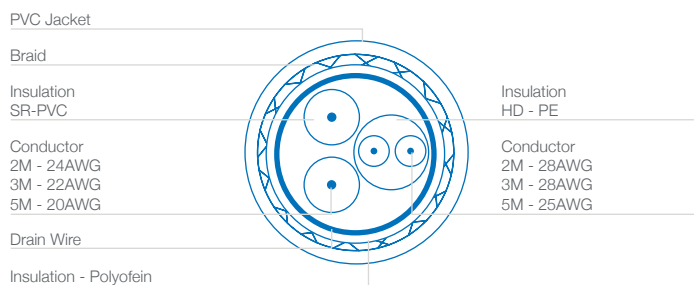
Shell material Steel
Shell plating Nickel
Contact material Copper Alloy
Contact plating 50 micro inch Gold
Connector body & locking ring Polyester
Panel connector Nylon 6
Flammability rating UL94V-0
'O' rings Nitrile
Mating cycles 5,000
RoHS Compliant

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



Mouser Electronics

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Bulgin:

[PX0485](#) [PX0441/3M00](#) [PX0441/2M00](#) [PX0441/4M50](#) [PX0443](#) [PX0447](#) [PX0446](#) [PX0442/4M50](#) [PX0442/2M00](#)
[PX0442/3M00](#) [PX0485/BK](#) [PX0480/BK](#) [PX0418/4M00](#) [PX0418/2M00](#) [PX0444/2M00](#) [PX0444/4M50](#) [PX0459](#)
[PX0464](#) [PX0456](#) [PX0457](#) [PX0458](#)