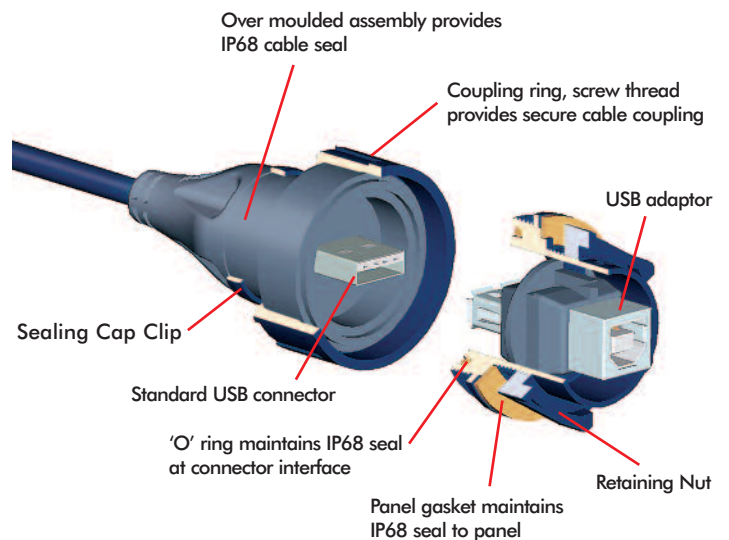


USB Buccaneer®



IP68



BUCCANEER

- IP68 rated
- USB version 2.0 performance
- Plug and play capability
- Visual mating indication
- Shielded system
- Single and double ended cables
- Screw coupling
- PCB versions
- ▶ Dust and waterproof sealing when mated
- ▶ Low and high speed bus connection, 1.5Mbps to 480Mbps
- ▶ Hot pluggable, standard 4 pole interface
- ▶ Alignment indicator reduces risk of damage during mating
- ▶ High noise immunity and EMI protection
- ▶ Suitable for PC and peripheral configuration
- ▶ Secure, proven locking system
- ▶ Direct mounting or via adaptor leads

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SEALED USB CABLES - SINGLE ENDED

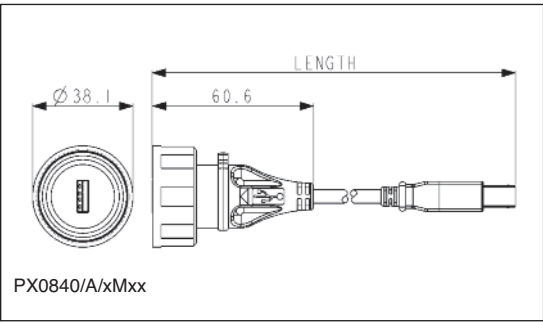


PX0840/A

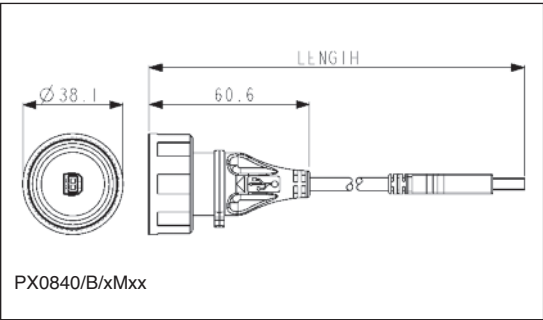


PX0840/B

- Single ended sealed cable assembly
- IP68 'A' type USB connector to standard 'B' type USB connector, mates with all panel mount connectors
 - IP68 'B' type USB connector to standard 'A' type USB connector, mates with all panel mount connectors
 - Available in 2m, 3m and 5m lengths



PX0840/A/xMxx



PX0840/B/xMxx

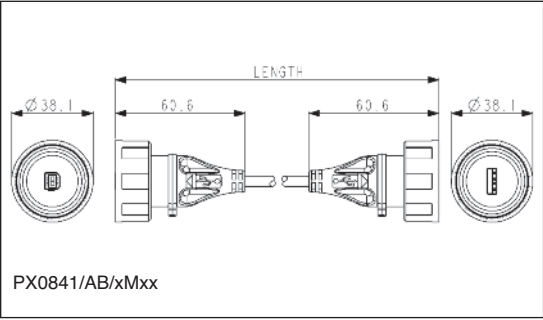
Part No.	Length	Description
PX0840/A/2M00	2m	IP68 A type USB to standard B type USB
PX0840/A/3M00	3m	IP68 A type USB to standard B type USB
PX0840/A/5M00	5m	IP68 A type USB to standard B type USB
PX0840/B/2M00	2m	IP68 B type USB to standard A type USB
PX0840/B/3M00	3m	IP68 B type USB to standard A type USB
PX0840/B/5M00	5m	IP68 B type USB to standard A type USB

SEALED USB CABLES - DOUBLE ENDED



PX0841/AB

- Double ended sealed cable assembly
- IP68 'A' type USB connector to IP68 'B' type USB connector
 - Mates with all panel mount connectors
 - Available in 2m, 3m and 5m lengths

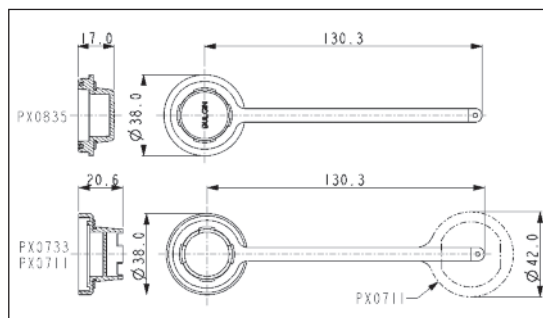


PX0841/AB/xMxx

Part No.	Length	Description
PX0841/AB/2M00	2m	IP68 A type USB to IP68 B type USB
PX0841/AB/3M00	3m	IP68 A type USB to IP68 B type USB
PX0841/AB/5M00	5m	IP68 A type USB to IP68 B type USB

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ACCESSORIES


- Sealing caps to maintain IP68 rating when connectors are not in use
- PX0835 for cable connectors PX0840 and PX0841
- PX0733 for front panel mount connectors PX0842 and PX0843
- PX0711 for rear panel mount connectors PX0848, PX0849 and PX0845

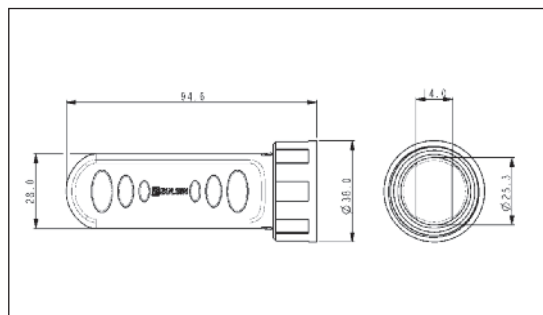


BUCCANEER

Part No.	Description
PX0835	Sealing Cap for cable connectors (PX0840, PX0841)
PX0733	Sealing Cap for front panel mounting connector (PX0842, PX0843)
PX0711	Sealing Cap for rear panel mounting connector (PX0848, PX0849, PX0845)

USB FLASH DRIVE COVER


- For use with USB Flash Drives
- Maintains IP68 rating when mated
- For use with 'A' type connectors: PX0842, PX0843, PX0845, PX0848 & PX0849
- Internal accommodation 17.5 x 14.0 x 83mm approx.


SPECIFICATION

Cables & connectors		
Electrical		
No. of conductors	4	
Current rating	1A	
Voltage rating	30Vac (RMS)	
Contact resistance	30mΩ max.	
Performance	USB version 2.0	
Materials - connectors		
Shell material	Steel	
Shell plating	Nickel	
Insulation moulding	Nylon 6	
Flammability	UL94V-0	
Contact material	Copper Alloy	
Contact plating	30 micro inch Gold	
Over mould material	PVC (black)	
Operating temperature	0°C to +70°C	
Mating cycles	1,000	
RoHS	Compliant	
Materials - cable		
Cable Jacket	PVC (black)	
Screen	Tinned copper braid	
Flammability	UL94V-0	
RoHS	Compliant	
Length:	Dia	Conductors
2m	4.8mm	Signal 2 x 28AWG
3m	5.0mm	Power 2 x 28AWG
5m	5.2mm	2 x 25AWG 2 x 20AWG

PCB adaptor leads		
Electrical		
No. of conductors	4	
Current rating	1A	
Voltage rating	30Vac (RMS)	
Contact resistance	<10mΩ max.	
PCB pitch	2.54mm	
Materials		
Moulding	Polycarbonate	
Flammability	UL94V-0	
Contact material	Copper Alloy	
Contact plating	30 micro inch Gold	
Wire insulation	PVC (black)	
Flammability	UL94-V0	
Conductors	4 x 28AWG	
Operating temperature	0°C to +70°C	
Mating cycles	1,000	
RoHS	Compliant	

Cable construction

The diagram illustrates the internal structure of a cable. It features a central conductor surrounded by insulation, which is then encased in a braid. The entire assembly is protected by a PVC jacket. Labels indicate the following components: PVC Jacket, Braid, Insulation SR-PVC, Insulation HD-PE, Conductor (2M - 24AWG, 3M - 22AWG), and Insulation - Polyolefin.