



- .76µm (micrometer) gold contact plating for reliable and repeated connections
- IP67 rated (when mated or with Sealing Cap fitted)
- Connections including USB A, USB B, USB C, and Mini USB
- Molded backshells for durability
- Plastic and metal rear panel mount cable variants available
- Plastic and metal sealing caps available
- Standard lengths are 0.3, 0.5, 1, 2, 3, and 5 meters
- USB A Cable Assembly PXP0020 available to mate with USB A panel mount variants

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20 Series USB Waterproof - IP67 Connectors

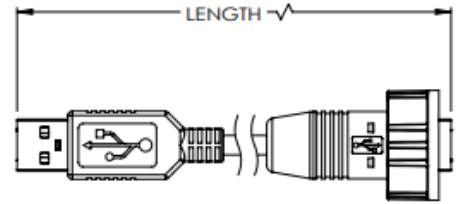


Plastic Flex USB A to Standard USB A Cable Assembly



PXP0020/A/XMXX/A

- IP67 Male USB A to Male USB A
- IP67 when mated
- Mates with rear panel mount connectors PXP0023, PXM0023
- USB 2.0 Performance



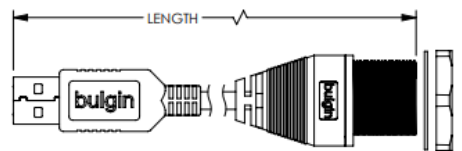
Part no.	Length	Description
PXP0020/A/0M50/A	0.5m	Flex USB A to Standard USB A Cable Assembly 0.5m
PXP0020/A/1M00/A	1m	Flex USB A to Standard USB A Cable Assembly 1m
PXP0020/A/2M00/A	2m	Flex USB A to Standard USB A Cable Assembly 2m
PXP0020/A/3M00/A	3m	Flex USB A to Standard USB A Cable Assembly 3m

Plastic Rear Panel Mount USB A Female to USB A Male Cable Assembly



PXP0023/A/XMXX/A

- IP67 Female USB A to Male USB A
- IP67 when mated or fitted with Sealing Cap PXP0024, PXM0024
- Plastic and metal Sealing Caps available
- Mates with Plastic Flex USB A to USB A Cable Assembly PXP0020
- USB 2.0 Performance



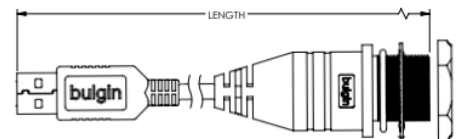
Part no.	Length	Description
PXP0023/A/0M30/A	0.3m	Plastic Rear Panel Mount USB A Female to USB A Male Cable Assembly 0.3m
PXP0023/A/0M50/A	0.5m	Plastic Rear Panel Mount USB A Female to USB A Male Cable Assembly 0.5m
PXP0023/A/1M00/A	1m	Plastic Rear Panel Mount USB A Female to USB A Male Cable Assembly 1m
PXP0023/A/2M00/A	2m	Plastic Rear Panel Mount USB A Female to USB A Male Cable Assembly 2m
PXP0023/A/3M00/A	3m	Plastic Rear Panel Mount USB A Female to USB A Male Cable Assembly 3m
PXP0023/A/5M00/A	5m	Plastic Rear Panel Mount USB A Female to USB A Male Cable Assembly 5m

Plastic Rear Panel Mount USB A Female to USB A Male Cable Assembly 5m



PXP0023/A/XMXX/A

- IP67 Female USB A to Male USB A
- IP67 when mated or fitted with Sealing Cap PXP0024, PXM0024
- Plastic and metal Sealing Caps available
- Mates with Plastic Flex USB A to USB A Cable Assembly PXP0020
- USB 2.0 Performance
- Unmated shielding maintained when used with metal Sealing Cap PXM0024



Part no.	Length	Description
PXP0023/A/0M50/A	0.5m	Metal Rear Panel Mount USB A Female to USB A Male Cable Assembly 0.5m
PXP0023/A/1M00/A	1m	Metal Rear Panel Mount USB A Female to USB A Male Cable Assembly 1m
PXP0023/A/2M00/A	2m	Metal Rear Panel Mount USB A Female to USB A Male Cable Assembly 2m
PXP0023/A/3M00/A	3m	Metal Rear Panel Mount USB A Female to USB A Male Cable Assembly 3m
PXP0023/A/5M00/A	5m	Metal Rear Panel Mount USB A Female to USB A Male Cable Assembly 5m

Rear Panel Mount USB A Female to Flying Leads



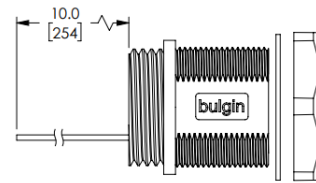
PXP0023/A/0M25/FL



PXP0023/B/0M25/FL

- IP67 Female USB A or Female USB B to 5x flying leads
- IP67 when mated or fitted with Sealing Cap PXP0024, PXM0024
- Flying leads 0.25m long
- 24AWG flying leads
- Plastic and metal Sealing Caps available
- USB A version PXP0023/A/0M25/FL mates with Plastic Flex USB A to USB A Cable Assembly PXP0020
- USB 2.0 Performance

Attention:
PXP0023/A/0M25/FL has non standard USB wiring, please refer to wiring table in specification.



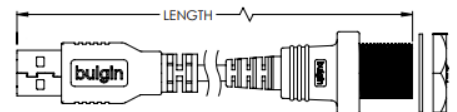
Part no.	Length	Description
PXP0023/A/0M25/FL	0.25m	Rear Panel Mount USB A Female to Flying Leads 0.25m
PXP0023/B/0M25/FL	0.25m	Rear Panel Mount USB B Female to Flying Leads 0.25m

Miniature Plastic Rear Panel Mount USB C Female to USB A Male Cable Assembly



PXP0025/C/1M00/A

- IP67 Female USB C to Male USB A
- IP67 when fitted with Miniature Sealing Cap PXP0026
- 1m length
- Overall aluminium+polyester shield plus tinned copper braid shield
- USB 3.0 Performance



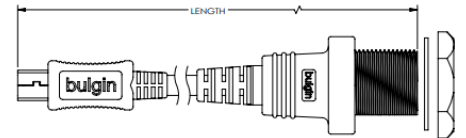
Part no.	Length	Description
PXP0025/C/1M00/A	1m	Miniature Plastic Rear Panel Mount USB C Female to USB A Male Cable Assembly 1m

Miniature Plastic Rear Panel Mount Mini USB Female to Mini USB Male Cable Assembly



PXP0025/MB/XMXX/MB

- IP67 Female Mini USB to Male Mini USB
- IP67 when fitted with Miniature Sealing Cap PXP0026
- Overall aluminized polyester shield with drain wire plus tinned copper braided shield
- USB 2.0 Performance



Part no.	Length	Description
PXP0025/MB/0M30/MB	0.3m	Miniature Plastic Rear Panel Mount Mini USB Female to Mini USB Male Cable Assembly 0.3m
PXP0025/MB/0M50/MB	0.5m	Miniature Plastic Rear Panel Mount Mini USB Female to Mini USB Male Cable Assembly 0.5m
PXP0025/MB/1M00/MB	1m	Miniature Plastic Rear Panel Mount Mini USB Female to Mini USB Male Cable Assembly 1m

Accessories

Sealing Caps

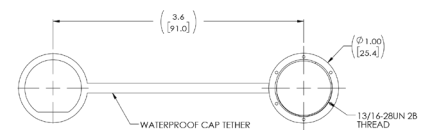
Metal Sealing Caps provide shielding when fitted to Metal Rear Panel Mount USB A Female to USB A Male Cable Assembly PXM0023/A/XMXX/A. As standard, all Sealing Caps are sold with a rubber lanyard, unless ordered with the part number PXP0024/CH, this variant comes with a chain lanyard with a 3.4mm diameter fixing loop, giving more options for attachment

Plastic Sealing Cap with Rubber Lanyard



PXP0024

- IP67 Plastic Sealing Cap
- IP67 when fitted
- Rubber lanyard
- Fits PXP0023 and PXM0023



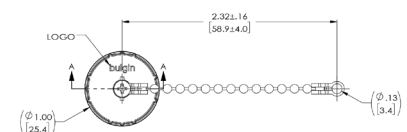
Part no.	Lanyard	Cap Material	Description
PXP0024	Rubber	Plastic	Plastic Sealing Cap with Rubber Lanyard

Plastic Sealing Cap with Chain Lanyard



PXP0024/CH

- IP67 Plastic Sealing Cap
- IP67 when fitted
- Metal chain lanyard
- Fits PXP0023 and PXM0023



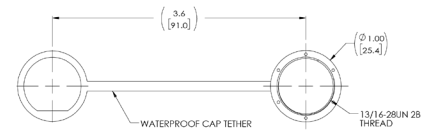
Part no.	Lanyard	Cap Material	Description
PXP0024/CH	Metal Chain	Plastic	Plastic Sealing Cap with Chain Lanyard

Metal Sealing Cap with Rubber Lanyard



PXM0024

- IP67 Metal Sealing Cap
- IP67 when fitted
- Rubber lanyard
- Offers shielding when mated with Metal Rear Panel Mount PXM0023
- Fits PXP0023 and PXM0023



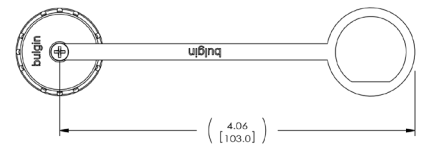
Part no.	Lanyard	Cap Material	Description
PXM0024	Rubber	Metal	Metal Sealing Cap with Rubber Lanyard

Miniature Plastic Sealing Cap with Rubber Lanyard



PXP0026

- IP67 Plastic Miniature Sealing Cap
- IP67 when fitted
- Rubber lanyard
- Fits PXP0025



Part no.	Lanyard	Cap Material	Description
PXP0026	Rubber	Plastic	Miniature Plastic Sealing Cap with Rubber Lanyard

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20 Series USB Waterproof - IP67 Connectors



Mechanical	
Sealing	IP67
Operating temperature PXP0020, PXP0023, PXM0023, PXP0025/MB/XXX/MB	-10°C to +80°C
PXP0023/A/0M25/FL, PXP0023/B/0M25/FL, PXP0025/C/1M00/A, PXP0026	-20°C to +80°C
PXP0024	-40°C to +80°C
Flammability	UL94 V-0, (UL94HB for PN: PXP0026)
Mating Threads	
PXP0023, PXM0023	13/16-28UN 2A
PXP0024	13/16-28UN 2B
PXP0025	5/8-27UN-2A
PXP0026	5/8-27UN-2B
Materials	
Cable outer jacket	PVC
Overmould material	PVC
Contact material	Copper alloy
Contact plating	.76 µm (micrometer) gold
Electrical	
PXP0020, PXP0023, PXM0023	24AWG conductors and 28AWG Twisted pairs
PXP0023/A/0M25/FL, PXP0023/B/0M25/FL	24AWG
PXP0025/C/1M00/A	26AWG conductors and 32AWG twisted pairs
PXP0025/MB/XMXX/MB	28AWG conductors and twisted pairs

Wiring

PXP0023/B/0M25/FL

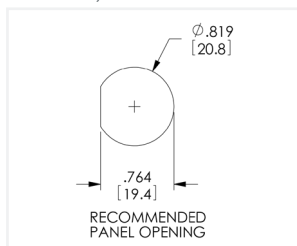
P1	TYPE	WIRE COLOUR	P2
1	—	Red (PT 1954C)	1
2	—	White (RAL 9003)	2
3	—	Green (PT 328C)	3
4	—	Black (PT Black 6C)	4
Shell	—	Gray (PT 421C)	Shell

PXP0023/A/0M25/FL

P1	TYPE	WIRE COLOUR	P2
1	—	Black (PT Black 6C)	1
2	—	Green (PT 328C)	2
3	—	White (RAL 9003)	3
4	—	Red (PT 1954C)	4
Shell	—	Gray (PT 421C)	Shell

Panel Cut inches [mm]

PXP0023, PXM0023



PXP0025

