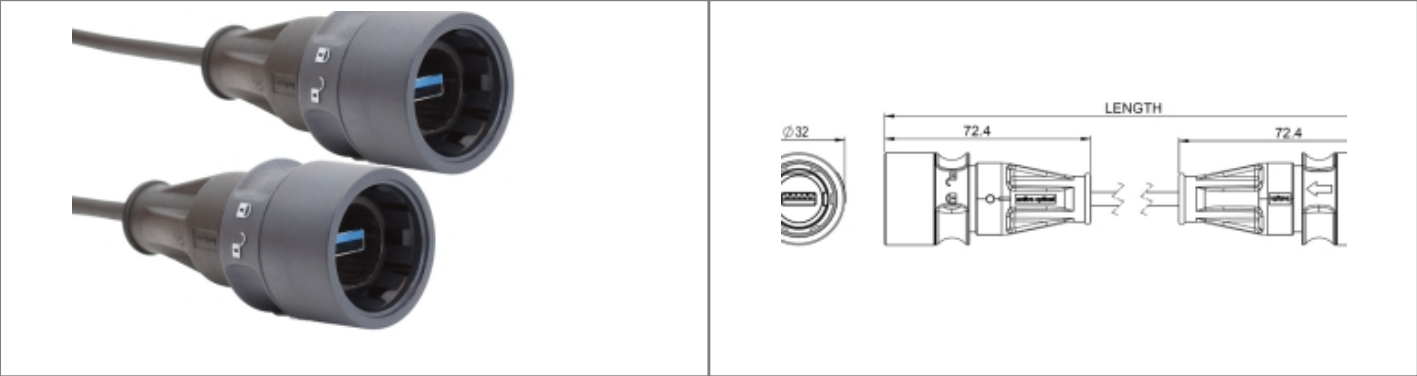


# PXP6046/A/A/50M0 Datasheet

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**Product Name // 6000 Series A.O. USB Buccaneer**  
**Overmoulded USB Cable Sealed 3.0 A Plug to 6000 Series**  
**Active Optical Overmoulded USB Cable Sealed 3.0 A Plug**  
**50m Cable**



**// Product Description:**

- Pre-Wired Plastic Body Overmoulded A.O. USB 3.0 to Pre-Wired Plastic Body Overmoulded A.O. USB 3.0
- Water and dustproof to IP68 when mated with compatible connector
- 30 degree push twist locking, tamperproof lock prevents accidental un-mating
- USB A connection
- Cable length 50 metres
- Active Optical technology provides a reliable connection over longer cable lengths
- PXP6081 Sealing Cap available separately to maintain IP rating of unmated connectors
- Mate with 6000 Series Plastic Body USB Panel Mount Connectors

**// General Information:**

|                            |                                                                |
|----------------------------|----------------------------------------------------------------|
| Product Display Title:     | 6000 Series Buccaneer · Active Optical USB (50m, Double-Ended) |
| Product Family:            | Circular Data Connectors                                       |
| Body Material:             | Polycarbonate/Polybutylene Terephthalate (PC/PBT)              |
| Body Material Type:        | Plastic Body                                                   |
| Cable Length:              | 50m                                                            |
| Contact Type:              | Plug Contact                                                   |
| Coupling Type:             | Push-Twist                                                     |
| Current Max:               | 1A                                                             |
| Data Cable Type:           | Sealed A Plug to Sealed A Plug                                 |
| Flamability Rating:        | UL94V-0                                                        |
| Function:                  | Flex to Flex Connector Double Ended Cable                      |
| Ip Rating:                 | IP66, IP68                                                     |
| Max Operating Temperature: | +70°C                                                          |
| Min Operating Temperature: | -35°C                                                          |
| Number Of Contacts:        | 9 Contacts                                                     |
| Voltage Max:               | 30V                                                            |

**// Product PDF Links**



**// Product 3D CAD Model Links**

