

The Full Buccaneer Range

Specifications and Applications



	Power	Power	Power	Power	Power	Power	Power	Power	Data - RF	Data - RF	Data	Data	Data	Data	Data	Data	Data	Data
Model																		
Series Range	400 Series	Mini	Standard	6000 Series	6000 Series	900 Series	7000 Series	7000 Series	400 Series	400 Series	400 Series	400 Series	Standard	Standard	Standard	6000 Series	6000 Series	6000 Series
IP Rating	IP68	IP68	IP68	IP66 IP68 IP69K	IP66 IP68 IP69K	IP68	IP66 IP68 IP69K	IP66 IP68 IP69K	IP68	IP68	IP68	IP68	IP68	IP68	IP68	IP66 IP68 IP69K	IP66 IP68 IP69K	IP66 IP68 IP69K
Diameter Over Coupling Ring	19mm	26mm	38mm	32mm	32mm	50mm	42mm	42mm	19mm	38mm	19mm	19mm	38mm	38mm	38mm	32mm	32mm	32mm
No. Contacts	2 to 12	3 to 8	2 to 25	2 to 22	2 to 22	2 to 10	2 to 32	2 to 32	50Ω	50Ω	IEEE 1394a	Ver. 2.0	Cat 5e	IEEE 1394a	Ver. 2.0	Cat 5e	Cat 5e	Ver. 2.0
Voltage (Max)	250V	250V	277V	277V	277V	600V	277V	277V	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Current (Max)	8A	10A	12A	16A	16A	32A	25A	25A	SMB	SMB	Mini FireWire	Mini USB	Ethernet	FireWire	USB	Ethernet	Ethernet	USB
Max Cable O/D	9mm	9mm	9mm	10mm	10mm	22mm	15mm	15mm	RG-174	RG-174	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Body Material	Plastic	Plastic	Plastic	Plastic	Metal	Plastic	Plastic	Metal	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic	Metal	Plastic
Locking Mechanism	Screw Thread	Screw Thread	Screw Thread	Push/Pull Latching, 30° turn lock	Push/Pull Latching, 30° turn lock	Screw Thread	1/4 Turn Bayonet	1/4 Turn Bayonet	Screw Thread	Screw Thread	Screw Thread	Screw Thread	Screw Thread	Screw Thread	Screw Thread	Push/Pull Latching, 30° turn lock	Push/Pull Latching, 30° turn lock	Push/Pull Latching, 30° turn lock
Example Applications																		
	Renewable Energy Remote Reading Solar Power Inverters Solar Lighting Panel Connections	Water Utilities Remote Reading Water Meters Industrial CNC Controllers Robotics	Traffic Management Traffic Flow Sensors Traffic Signal Control Marine Lighting In-Shore Craft Communication Networks	Livestock Rearing Infrared Radiant Heating for Poultry Marine Lighting In-Shore Craft	Automotive Off-Road Vehicles Industrial Power Distribution Units Robotics	Transport Outdoor Display Panel Signage for Vehicles Rail Inspection Vehicles	Mining and Drilling Mining Weighing Equipment Water Utilities Hot and Cold Modular Water Supply	External Lighting Architectural Carpark Stadium Marine Control Equipment Power Distribution	Power Distribution Remote monitoring of Powerlines Oil and Gas Corrosion Monitoring Equipment Gas Detection Systems	Sewer/Waste and Water Management Vault Monitoring System Water Monitoring	Marine Professional Underwater Camcorders	Roadside Safety Roadside Information Signage Water Utilities Water Level Monitoring Equipment Riverside Data Loggers	Security and Surveillance CCTV Systems Industrial Automation Peripheral Equipment Printers Weighing and Inspection Equipment	Industrial Control Ruggedized PCs	Pharmaceutical Laboratory Material Feeders and Processing Equipment Water/Gas Utilities Valve Repair Device Telecoms Multi-band Communication Systems	Food Processing Food Processing Printer Industrial Automation Industrial Printers Weighing Equipment	Vehicle Testing/Structural Monitoring Data loggers Agriculture GPS Based Steering Equipment	Marine Underwater Communication Equipment Sewer/Waste Management Water Control Systems
	Marine Underwater LED Lighting Solutions	General Lighting Billboards	Emergency Services Fire Safety Equipment	Food Processing Food Processing Printer	Mining and Drilling Drilling Rig Controllers	General Lighting Carpark/ Stadium Flood Lights	Automotive Mobility Scooters	Oil and Gas Corrosion Monitoring Equipment Gas Detection Systems	Roadside Safety Crash Barrier Sensors									
	Logistics Global Positioning/ Tracking Sensors		Industrial Power Distribution Units Robotics	Renewable Energy Solar Power Converter	Motorsport F1 Tire Warmers	External Lighting Carpark/ Stadium Flood Lights												
	Medical Power Inlet Modules Control Equipment		Food Processing Production Line Printer Refrigeration Systems	Agriculture Irrigation Systems	Security & Surveillance CCTV Systems													

The All New Buccaneer 6000 Series



6000 Series Buccaneer:

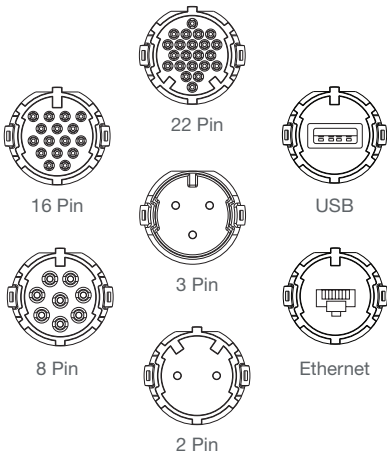
Robust instant connections for harsh environments

- IP66, IP68 and IP69K when mated
- Push/pull coupling mechanism*
- 30° twist locking*
- Metal and plastic construction
- Power connections – 2 to 22 poles
- USB and Ethernet interfaces
- Through panel sealed Ethernet version



6000 Series

Connector Types



Power and Data Variants

- Power ratings up to 16A, 277V
- Ethernet Cat5e and USB ver2.0 compliant
- Sealed through panel Ethernet prevents water ingress when unmated

Metal and Plastic Construction

- Ideal for a broad range of environmental conditions
- Metal particularly suitable for applications requiring robustness

Buccaneer Overview



		Interface		Construction		Coupling		
		Power	Data	Plastic	Metal	Screw Thread	Twist Bayonet	Push-Pull
Small	400 Series	●	●	●		●		
	Mini	●		●		●		
	Standard	●	●	●		●		
	6000 Series	●	●	●	●			●
	7000 Series	●		●	●		●	
Large	900 Series	●		●		●		

Discover Buccaneer



400 Series Buccaneer

- 19mm diameter
- Power rating up to 8A, 250V
- SMB and Mini USB variants



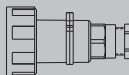
Mini Buccaneer

- 26mm diameter
- Power rating up to 10A, 250V
- Screw thread lock type



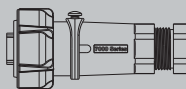
6000 Series Buccaneer

- 32mm diameter
- Power rating up to 16A, 277V
- Push/pull coupling
- Metal and plastic body constructions
- For power and data



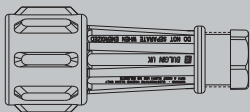
Standard Buccaneer

- 38mm diameter
- Power rating up to 12A, 277V
- USB and Ethernet variants



7000 Series Buccaneer

- 42mm diameter
- Power rating up to 25A, 277V
- Metal and plastic body constructions
- 1/4 turn bayonet lock



900 Series Buccaneer

- 58mm diameter
- Our highest power rated connector, up to 32A, 600V

*Patent applied for