

OCEANWORKS CABLED OCEAN OBSERVATORY

OBSERVATORY SHORE STATION ASSEMBLY

PART NO: 110-A00000



Shore Station Equipment Rack

The Observatory Shore Station Assembly is the surface portion of the array. This assembly is the source of the 360 VDC power as well as the Gigabit Ethernet Fibre Optic communications link. The power control and monitoring unit measures outgoing power for voltage, current and ground fault, and will automatically shut down the power if any of these parameters are out of range. The Observatory Shore Station Assembly also includes a local computer which is used to monitor and control the power throughout the Subsea Observatory. Control may also be preformed remotely.

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OBSERVATORY SHORE STATION ASSEMBLY

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Features:

- Unregulated 360 VDC power supply.
- Outgoing power monitoring including:
 - Ground Fault
 - Voltage
 - Current
- Local control and monitoring computer
- Gigabit Ethernet Link

Options:

- Regulated Main DC Power Supply
- Kilovolt Power Supply

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