# PSQ-2910, PSQ-3910, PSQ-4910
**ACCESSORIES**

**fiberplex** TECHNOLOGIES, LLC

## Description

The PSQ-2910, PSQ-3910 and PSQ-4910 are compact AC power supplies which attach to and the provide operating voltage for FiberPlex's FOI series isolators. The powers supplies have a resettable fuse to protect both the supply and the FOI.



FiberPlex recommends "R" units for high security applications because the power supplies have added shielding and filtering for RFI suppression.

For more rugged mounting, wall mount adapters, WMA-2001 and WMA-3002, are available to secure the power supply and fiber optic isolator with screws. Both WMA-2001 and WMA-3002 are compatible with all PSQ and FOI series. The WMA-2001 has an optical patch while the WMA-3002 does not. The wall mount adapter attaches to either a horizontal or vertical flat surface and provides a convenient termination point which protects both the fiber optic cable and the fiber optic isolator from damage.

## AC and DC/AC Power Supplies

**Features:**
- 9 VDC, 9 Watt power supplies for FOI Isolators
- Wide international input range

## Installation Instructions

1. Attach the mounting bracket to the fiber optic isolator with two 6-32 screws.

2. Insert the PSQ power plug into the fiber optic isolator power socket.

3. Fit the PSQ power supply case over the mounting bracket, and fasten with four 4-40 screws.

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## Specifications AC Power Supplies

| | | minimum | typical | maximum | unit |
|---|---|---|---|---|---|
| **Power Supply** | Input Voltage | 90 | - | 240 | VAC |
| | Input Frequency | 50 | - | 60 | Hz |
| | Output Voltage | - | 9 | - | VDC |
| | Supply Current | - | 1 | - | A |
| | Output Power | - | 9 | - | W |
| | | | | | |
| **Environmental** | Storage Temperature | -40 | - | 85 | °C |
| | Operating Temperature | -25 | - | 50 | °C |
| | | width | height | length | |
| **Case Dimensions** | PSQ-2909 (Size 2) | 1.312" (33mm) | 2.562" (65mm) | 2.25" (57mm) | |
| | PSQ-3909 (Size 3) | 1.453" (40mm) | 3.188" (81mm) | 2.375" (60mm) | |
| | PSQ-4909 (Size 4) | 1.453" (40mm) | 2.562" (65mm) | 2.25" (57mm) | |

## Ordering Information

| AC Power Supply | Fiber Optic Isolator |
|---|---|
| PSQ-2910 | Size 2 |
| PSQ-3910 | Size 3 |
| PSQ-4910 | Size 4 |