



## ZonuCheck™ Tester for Installation and Verification of CWDM SFP Transceivers (SFC™) in the Field



### Features

- **Complete Support for Installation of Zonu™ Single Fiber, Full Duplex, CWDM SFPs (SFCs).**
- **10 Ch CWDM Power Meter**  
-50 dBm to + 5 dBm; 1310 nm; 1451, 1471, 1491, 1511, 1531, 1551, 1571, 1591 and 1611 nm
- **Stand-Alone SFP Transceiver Tester**  
Allows Verification of Transceiver Optical Performance in the Network. Optimized for SFC Product Family.  
Applicable for MR (40 Km) and LR (75 Km) Units.  
Multi-Protocol: FE, GbE; SONET/SDH up to 2.5 Gbps.
- **Troubleshoot Reflections and Verify Network ORL**  
Reflection Evaluator for troubleshooting "dirty" connectors.  
ORL Estimator to measure ( $\pm 1$  dB) and verify Network ORL.
- **Operational Features**  
USB Connector to PC for Data Logging.  
Intuitive User Interface Simplifies Testing.  
Built-In Rechargeable Batteries for Handheld Operation.  
Integral 1 GbE Media Converter.  
Portable and Lightweight: Less than 1 Pound.

### Applications

Deploy Single Fiber CWDM (SFC) Service for Cable MSOs & Broadband Service Providers.  
Stand-Alone SFP Transceiver and Network CWDM Optical Wavelength and Power Tester.  
Trouble-Shooting by Field Technicians reduces the number of unnecessary Truck-Rolls.

### Description

ZonuCheck™ - The SFC Tester designed to offer complete utility for Installers, Network IT Personnel, and Customer Service Technicians. Any SFC device can be plugged into the Tester and Full Functionality can be verified as well as SFC Wavelength and Power Measurements. The unit can also be used to Test the Optical Power, troubleshoot Reflections, verify Network ORL and Identify Incoming Signals. The LCD Digital Read-Out displays all of the Key Parameters of the plugged SFC Transceiver in addition to individual LED's to indicate individual ITU CWDM Wavelength information.

### Ordering Information

**OZC PN:**

AT1-SFC1-00

AT1-SFC1-01

6/23/11

15028 Delano Street, Van Nuys, CA 91411

**Description:**

CWDM Standard Featured ZonuCheck SFC Tester

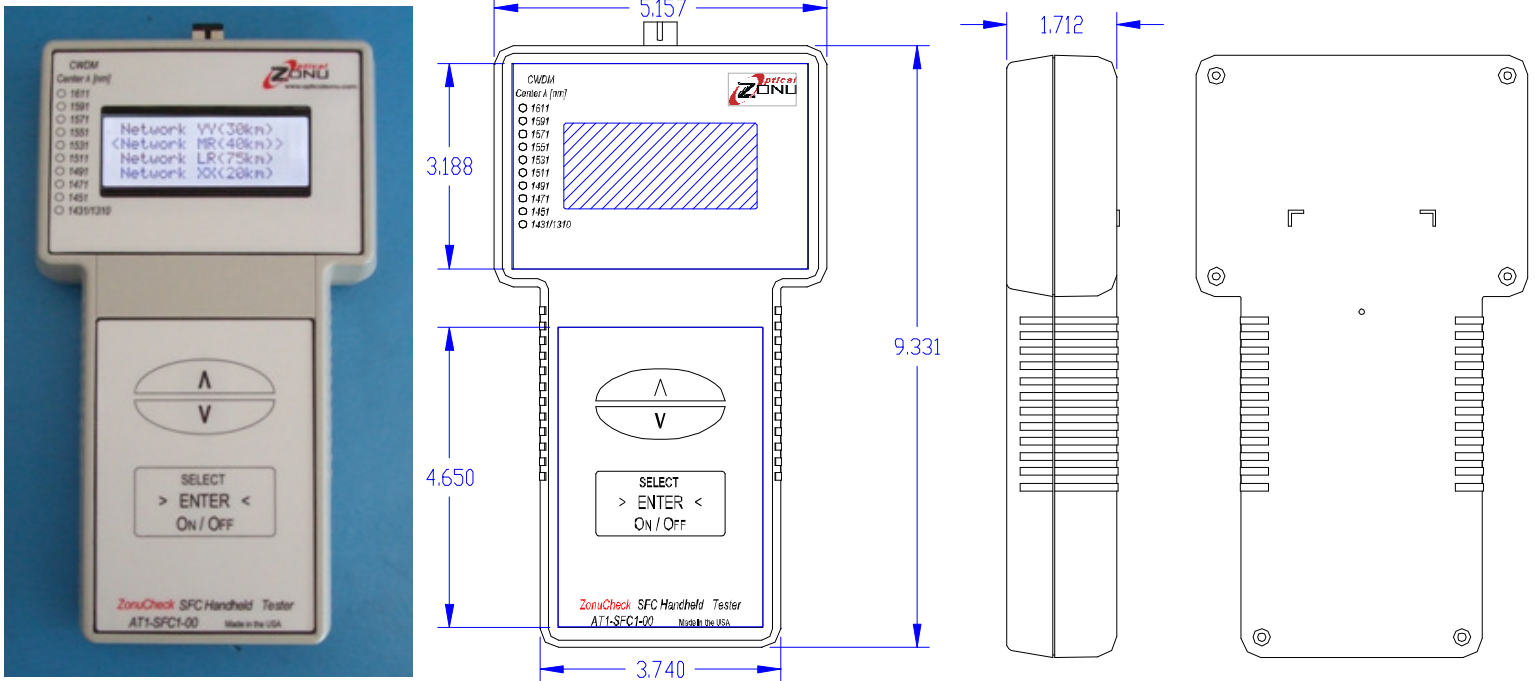
CWDM Full Featured ZonuCheck SFC Tester (incl Refl Eval &amp; ORL Est)



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### Mechanical Dimensions (inches)



SFP Slot for Transceiver testing and Media Converter operation



RJ-45 Network Port for GbE Media Converter operation



USB Port to enable data-logging and control



**SC-APC Optical Fiber INPUT.**  
**ALWAYS USE Optical Fiber JUMPER OR ADAPTOR !!!!**

Battery Recharger and AC Power Adapter Connector

Feature	Description	Comments
Power Meter -50dBm to + 5dBm Received (through the network) Power Measurement.	LED depicts range. LCD Display shows actual power.	<b>Green</b> - Above sensitivity. <b>Yellow</b> - At sensitivity. <b>Red</b> - Below sensitivity.
Transmitter Power Measurements	LED depicts Go/No-Go range. LCD Display shows actual power.	<b>Green</b> - Above spec. <b>Blinking Green</b> - At spec. <b>Red</b> - Below spec.
Receiver Functionality Testing	Sensitivity is OK.	
Digital Alphanumeric Display	4 lines; 16 characters.	Displays unit information and power received @ wavelength.
Powered by Rechargeable Batteries	Same charger unit (plug/voltage) as EXFO power meter.	Allows Technician to carry a single, common charger unit into the field.
Media Converter Built-In	Enables direct network connection to a personal computer.	GbE only.

### Brief Operational Description