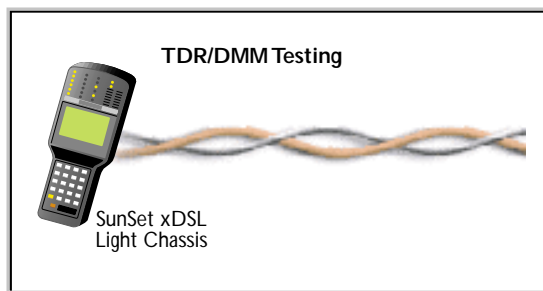


Supports

SSxDSL Module Chassis
SSxDSL-L
SSxDSL-LW
SSxDSL-M

SPECIFICATIONS

Application



TDR

Distance Range: Dependent on cable type and condition
 15 ft to 24000 ft @ 22 AWG/3 m to 7200 m @ 0.6 mm
 15 ft to 18000 ft @ 24 AWG/3 m to 5400 m @ 0.5 mm
 15 ft to 12000 ft @ 26 AWG/3 m to 3600 m @ 0.4 mm
 Automatic search to first fault
 Accuracy: $\pm 1\% \pm 5 \text{ nS}$
 Dependent on V_p uncertainty and cursor resolution
 Display Resolution: 0.6% of selected range
 Test Signal
 1/2 Square Wave if Pulse width $\leq 75 \text{ nS}$
 1/2 Sine Wave if Pulse width $> 75 \text{ nS}$
 Pulse widths: 25 nS to 4 μS , autoselect
 Amplitude: Maximum $10 V_{b-p}$ into 100Ω , $20 V_{b-p}$ into open circuit
 Output Impedance: 100Ω
 V_p : 0.4 to 0.99 in 0.01 increments

Digital Multimeter (DMM)

Digits: 4
 Range: Auto
 DC Voltage: 350V Max
 Accuracy: $\pm 0.5\% \pm 10 \text{ mV}$
 AC Voltage: 250 VAC Max
 Detector: True RMS
 Accuracy: $\pm 1\% \pm 20 \text{ mV}$ @ 20 Hz to 1 kHz
 Resistance: 1Ω to $100 \text{ M}\Omega$
 Accuracy:
 $\pm 1\% \pm 1\Omega$ from 1Ω to $1 \text{ M}\Omega$
 $\pm 2\%$ from $>1 \text{ M}\Omega$ to $4 \text{ M}\Omega$
 $\pm 5\%$ from $>4 \text{ M}\Omega$ to $40 \text{ M}\Omega$
 $\pm 10\%$ from $>40 \text{ M}\Omega$ to $100 \text{ M}\Omega$
 Capacitance: 1 nF to 1 μF
 Accuracy: $\pm 2\% \pm 200 \text{ pF}$ from 1 nF to 1 μF
 Current: 0 mA to 110 mA
 Load: 429Ω
 Accuracy: $\pm 2\% \pm 0.1 \text{ mA}$



The TDR/DMM Module is part of a family of Plug-In Modules for the SunSet xDSL Modular test set

Connectors

Line Interface: RJ45 @ 100Ω

Status/Alarm Indicators

Dual-color LEDs (on SunSet xDSL)

General

Module Size: 5.0" (W) x 3.5" (L) x 0.9" (H)
 [12.6 cm x 9 cm x 2.2 cm]
 Operating Temperature: 32°F to 122°F [0°C to 50°C]
 Storage Temperature: -4°F to 158°F [-20°C to 70°C]
 Humidity: 5% to 85% noncondensing

ORDERING INFORMATION

SSxDSL-16A TDR/DMM Module

Recommended Cables

SS161 Cable, RJ-45 (m) to 3 Probe Clips, 2 m
 SS161-HPU Cable, RJ45 (m) to 3 Probe Clips, "Hi-Pot" version, 2 m

... a step ahead

302 Enzo Drive
 San Jose, CA 95138 USA
 ph 1 408 363 8000
 fax 1 408 363 8313
 info@sunrisetelecom.com

www.sunrisetelecom.com



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