

Dafnia Newsletter

December 2011



Dafnia
ELECTRONICS L.L.C.

Dear Valued Customer,
Please find our newsletter for the month of December.
We bring you information on the products / services we offer.

Certifier40G: Next-Generation Cable Certifier NGC-4500

Features

- Revolutionary large touch screen at both test ends reduces walking time
- Complete TIA 568/ISO 11801 Copper certification and Tier I Fiber certification
- Future-proof 1600 MHz test frequencies
- Fastest CAT-6A/Class-FA and Tier I Fiber Pass/Fail test
- Level-IV accuracy over the full Class-FA spectrum
- Integrated planning software
- Optional integrated fiber end-face inspection



Key Benefits

- Improves installer productivity by eliminating unnecessary walking between local and remote units, with a Touch2 system that lets them view and analyze test results at both ends
- Protects your investment with the most advanced tester available that certifies beyond TIA-568 CAT-6A/ISO Class-FA 11801 standards, with a 1600 MHz measurement frequency
- Quickly increases the productivity of new and experienced installers using the revolutionary large touch screen with an intuitive user interface
- Accelerates testing and saves 30 minutes each time 150 CAT-6A cables are tested



ValidatorPRO™ and ValidatorPRO-NT™

Applications

- Certify speed capability of electrical Ethernet cable runs to support 10/100/1000 Mb/s Ethernet applications
- Ensure configuration and connectivity with active network devices
- Measure optical power and insertion loss
- Discover and display essential information regarding functionality of 802.11 b/g/n wireless devices
- Document network topology including moves, adds, and changes

Key Features

- Measures optical power on single mode and multimode fiber
- Conducts BER testing to speed certify Ethernet data transmission speed up to 1000BASE-T (1 Gb/s)
- Measures SNR and skew to uncover impairments to electrical Ethernet data transmission
- Tests for opens, shorts, split pairs, miswires, and reversals and measures distance to opens and shorts – supports all copper network, telco, and coax cables
- Measure PoE, voltage and cables (NT only)
- Performs port discovery to detect advertised Ethernet speed and displays capabilities of network devices (NT only)
- Pings network devices to verify connectivity to active equipment (NT only)
- Discover and display essential information regarding functionality of 802.11 b/g/n wireless devices (NT only)
- Includes Plan-UM® software to create network layout; document cable tests; show network topology; and record moves, adds, and changes



Outdoor Systems

Outdoor/Street Cabinet

Individual Configuration

- Identical basic and add-on modules can be easily extended in modular form to multiple combinations
- Future security due to installation space and adaption for 19", metric and non-standard equipment, extensive accessory range
- Easy transport of individual modules and add-on at installation site
- Damaged covers can be easily and service-friendly exchanged

Sophisticated Engineering and Design

The use of software tools like supports tailored solutions for all kinds of environmental and mechanical stress.

Certified Safety

- The cabinets meet requirements in accordance with IEC 721, ETS 300 019 and GR-487- CORE
- Earthquake-proof to zone 4 in accordance with Telcordia GR- 63-CORE

Integrated Thermal Management

The integration of the heat exchanger in the enclosure wall ensures an increase of the available usage space by more than 15%.



Outdoor Wall Case

Single skinned climatized and unclimatized outdoor enclosures for mounting on walls and poles and base assembly, for installation of

- 19" and metric components
- Non-standard equipment for DIN rails and fixing mounting panels



Cooling Unit

- Service-free operation with patented construction without filter
- Automatic condensation vaporization
- For adding-on on the rear panel, rear door or side panel of a cabinet
- Lowered installation possible
- No loss of 19" installation space
- Temperature control with micro controller
- CFC-free refrigerant R 134a
- No danger to electronics with dust deposits and splash water
- Uniform temperature distribution in the cabinet



Thank you for spending your time in reading this newsletter.
We shall remain in constant touch with you through regular updates.

Dafnia Electronics LLC

Tel: +971-4-3352995 / 3355404 | Fax: +971-4-3349951

Email: marketing@dafnia.ae | Facebook: www.facebook.com/DafniaElectronicsLLC