/Anritsu Advancing beyond

Dual Port 200G/400G Ethernet Tester

Network Master Pro MT1040A
400G (QSFP-DD) Multirate Module MU104014A
400G (OSFP) Multirate Module MU104015A

IP data traffic is increasing continuously due to the recent rollout of 5G mobile communications and spread of IoT. Data centers and network supporting large-volume data communications are progressing with introduction of 200G/400G Ethernet instead of 100G Ethernet.

Network Master Pro MT1040A is a 400G Ethernet tester with multiple use cases. It ensures a wide range of applications, from new 200G/400G Ethernet equipment tests in laboratories requiring dual port, to service installation and maintenance (I&M) requiring portability. In addition, network validation tests are supported for many protocols.

Small

- Compact, lightweight, and battery operated
- 9-inch touch screen display and intuitive easy-to-use GUI

Flexible

- Easy expandability to two stacked modules provides dual port 200G/400 GbE or quad port 100 GbE test capabilities
- All-in-one support for 10M to 400G Ethernet, eCPRI/RoE, OTN, SDH/SONET, Fibrechannel, and CPRI/OBSAI
- Also supports optical fiber measurements when configured with OTDR and fiberscope

Ethernet x 1
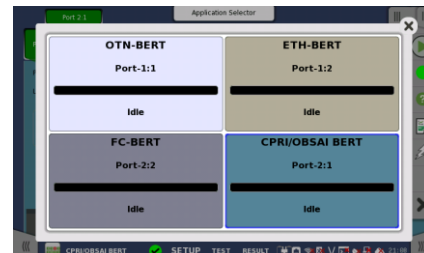OTN x 1
Fibrechannel x 1
eCPRI x 1

200 GbE/400 GbE x 2   100 GbE x 4

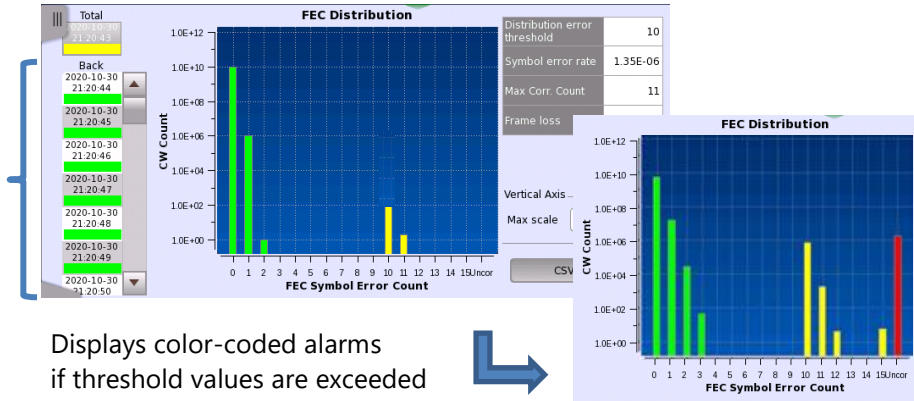Simultaneous Dual 200 GbE/400 GbE   Simultaneous Quad 100 GbE   Full-independent Quad port

Powerful

- Verifies stable 200G/400G Ethernet operations via quantitative and visual FEC margin analysis function

Automatically saves results continuously at any interval for stability evaluation and analysis of correlations with other events.

Displays color-coded alarms if threshold values are exceeded

- Optical module automatic test tools as standard function
- Interactive dialog-type automation test function as standard, for full network commissioning support

Setting Test Equipment: **Manual**
Executing Test: **Manual**
Evaluating Results: **Based on data**

Setting Test Equipment: **Automatic**
Executing Test: **Automatic**
Evaluating Results: **Automatic Evaluation**

When using automated scenario tests, diagrams in the operation manual are displayed on-screen as easy-to-follow dialogs. In addition, Pass/Fail evaluation threshold values can be set to automatically judge measurement results and output reports.

Specifications

Item	Specification				
Dimensions and Mass (with battery and measurement modules)	1 Module: 262(W) x 167(H) x 134(D) mm, 4.7 kg max. 2 Modules: 262(W) x 167(H) x 187(D) mm, 6.5 kg max.				
Operation Method	9-inch touch-panel screen				
Measurement Interfaces		QSFP-DD / QSFP56	OSFP	QSFP28 / QSFP+	SFP28 / SFP+ / SFP	RJ45
	MU104014A	1		2	2	2
	MU104015A		1	1	2	2
Communications Protocols	Ethernet, OTN, SDH/SONET, eCPRI/RoE/CPRI/OBSAI, Fibre channel				

Ordering Information

Model	Name	Remarks
MT1040A	Network Master Pro	Main Unit; requires measurement module
MT1040A-020	Activate for 400G Dual/100G Quad option	Required to mount the second module
MU104014A	400G (QSFP-DD) Multirate Module	Requires communications protocol option
MU104015A	400G (OSFP) Multirate Module	Requires communications protocol option