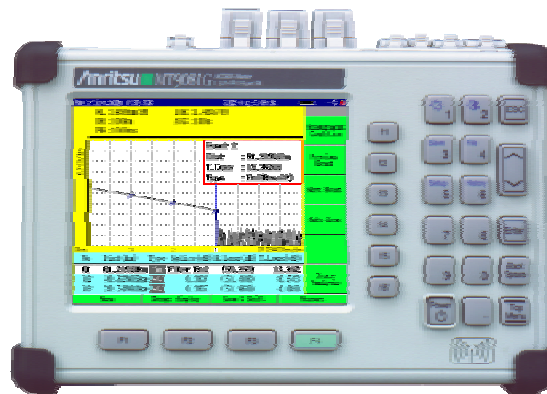


MT9081G/G1 ACCESS Master 1.31/1.49/1.55μm (SM)

Support 1.31/1.49/1.55μm for GE-PON and G-PON

- All-in-one measurement tool for optical service. Built-in OTDR, OPM, LS, VLD* and IP Function*
- 1m short dead zone for FTTX
- 34.5dB high dynamic range for Metro
- IP network connection check function* for checking FTTX Service quality (10BASE-T/100BASE-TX, 1000BASE-T)

*Option



Specifications

Wavelength (1μs, 25°C)	1310/1490/1550±30nm
Measurable optical fiber	10/125μm SMF (ITU-T G.652)
Pulse width	3/10/20/50/100/200/500/1000/2000/4000/10000/20000ns
Dynamic range ¹ (SNR=1)	36/34.5/34.5dB (1310/1490/1550nm)
Dead zone (back scattered light) ²	≤ 8.0/9.0/9.0 m (1310/1490/1550nm)
Dead zone (Fresnel reflection) ³	≤ 1.0/1.0/1.0 m (1310/1490/1550nm)
Sampling points (IOR=1.5)	0.05 to 40m
Light source for identification tester	Central wavelength: 1310/1490/1550±30nm(CW, 25°C) Modulated frequency: CW/270Hz/1kHz/2kHz
Optical power meter	Wavelength setting: 1310/1490/1550/1625nm Optical power: -47 to -2dBm(peak power) Measurement accuracy: ±6.5% (-20dBm,CW,23°C±2°C, after executing zero offset, wavelength 1550nm)
Laser safety	21CFR Class1, IEC Pub60825-1 Class1
Visible LD ⁴ (Option)	650nm ±15nm (25°C)
Dimensions and mass	254(W)×162(H)×61(D)mm,<2.2kg (main body + battery pack) 277(W)×199(H)×80(D)mm,<2.5kg (main body + protector + protective cover)
Environmental condition	Operating: +0°C to +40°C,Storage: -20°C to +60°C

*1: 20μs, Distance range 100km, Average 180sec, 25°C

*2: 10ns, Return loss 40dB, 25°C.

*3: 3ns, Return loss 40dB, 25°C.

*4: Refer to the figure right

Please refer MT9080 series catalog about other feature

Safety measures for laser products

This option complies with optical safety standards in Class 1M of the IEC 60825-1 and the FDA (21CFR1342.16, USA) in Class 2; the following descriptive labels are affixed to the product (FDA label is only affixed to product for export to the USA).



The maximum output is indicated under +1, and the wavelength under +2.
Caution: Do not look directly into the laser beam.

Ordering information

Please specify model/order number, name and quantity when ordering.

Model/Order No.	Name
	-ACCESS Master (main frame)-
MT9081G	SMF 1.31/1.49/1.55 μ m (6.4 Color LCD)
MT9081G1	SMF 1.31/1.49/1.55 μ m (6.2 Monochrome LCD)
	-Standard accessories-
W2487AE	MT9080 Series operation manual (CD):1copy
W2591AE	MT9081G/G1 operation manual:1copy
SA165A-1250V-3	AC adaptor 1pc
DR15SBA	Battery pack 1pc
	-Software-
MX907600A	OTDR Emulation software
	-Options-
MT9081□-001	IP Network Connection Check Function
MT9081□-011	Gigabit Ethernet Upgrade
MT9081□-002	Visible LD (Factory option)
MT9081□-009	English language display
MT9081□-010	Protector
MT9081□-018	Chinese
MT9081□-020	Korean
MT9081□-025	FC-APC connector (Factory option)
MT9081□-026	SC-APC connector (Factory option)
MT9081□-033	LC connector
MT9081□-037	FC connector
MT9081□-038	ST connector
MT9081□-039	DIN connector
MT9081□-040	SC connector
MT9081□-043	HMS-10/A connector

Model/Order No	Name
	-Application parts-
W2462AE	MT9080 series operation manual (print)
W2546AE	IP network connection check function manual (print)
B0547	Soft carrying case
B0548	Soft transit case
B0549	Hard carrying case
B0550	Front cover (For Option 10)
DR15SBA	Battery pack
Z0740	Battery charger (For DR15SBA)
J1295	Car plug cord
J1270	Replaceable optical LC connector
J0617B	Replaceable optical FC connector
J0618D	Replaceable optical ST connector
J0618E	Replaceable optical DIN connector
J0618F	Replaceable optical HMS-10/A connector
J0619B	Replaceable optical SC connector
J0057	Optical adaptor FC type
Z0282	Ferrule cleaner
Z0283	Ferrule cleaning tape (6 pcs/set)
Z0284	Adaptor cleaner
	-Peripherals-
BL-80R2	High speed thermal printer
BL-100W	AC adaptor
J1314	Printer cable
BL-80-30	Printer paper



Specifications are subject to change without notice.

 Printed on 100%
Recycled Paper

No. MT9081G_leaflet-E-I-1-(1.00)



Printed in Japan 2005-9 AKD