Anritsu envision : ensure

Optical Time Domain Reflectometer (OTDR) Testing

ACCESS Master MT9085A/MT9085B/MT9085C

1310/1490/1550/1625/1650 nm OTDR for Single Mode Fiber
850/1300 nm OTDR for Multimode Fiber

Key Features

• Large 8-inch enhanced display for easy viewing of results indoors or outdoors **New**

• Enhanced usability, utilizing a combination of both touch screen and hard-keys **New**

• Easy to understand graphical summary using Anritsu industry leading "Fiber Visualizer"

• WLAN and Bluetooth wireless connectivity* for file sharing

∗: With USB Dongle

FiberVisualizer

The Highest Performance Technology

• Up to 1 × 128 splitters fiber evaluation for PON networks

• High speed real-time measurement

ACCESS Master has met and exceeded the needs of contractors, technicians and engineers with industry leading specifications in all key measurement functions (including PONs, realtime measurement) and performance requirements for optical fiber construction and maintenance. All these functions are built in a compact, lightweight, all-in-one unit eliminating the burden of carrying multiple test sets on-site.

Anritsu is pleased to announce the enhanced MT9085A/MT9085B/MT9085C OTDR models. The ACCESS Master MT9085x now features an 8-inch TFT 16:9 wide touch screen display for use indoors and outdoors while providing a rotary knob and new short-cut function keys simplify and minimize operations and time to complete a test.

The MT9085x inherits the "Fiber Visualizer" and WLAN/ Buletooth wireless connectivity functions to confirm the industry leading ease of use pioneered by the ACCESS Master series.

Specifications

Common Specifications

Dimensions and Mass	284 (W) × 200 (H) × 77 (D) mm with protector ≤2.6 kg including battery
Display	8 inch touch screen TFT-LCD (800 × 480, with LED backlight), indoor/outdoor type
Connectivity	WLAN, Bluetooth (Dongle)

OTDR

MT9085C (High Performance Dynamic Range)				
Options	Wavelength	Dynamic Range*1	Deadzone (Fresnel)	Deadzone (Backscatter)
MT9085C-053	1310/1550 nm ±25 nm (SMF)	46/46 dB	≤1 m, ≤80 cm (typ.)	≤3.8/4.3 m
MT9085C-057	1310/1550/1625 nm ±25 nm (SMF)	46/46/44 dB		≤3.8/4.3/4.8 m
MT9085B (Enhanced Dynamic Range)				
Options	Wavelength	Dynamic Range*1	Deadzone (Fresnel)	Deadzone (Backscatter)
MT9085B-053	1310/1550 nm ±25 nm (SMF)	42/41 dB	≤1 m, ≤80 cm (typ.)	≤5/5.5 m
MT9085B-055	1310/1550 nm ±25 nm (SMF) 1645 nm ±1655 nm (SMF)	42/41/35 dB		≤5/5.5/6.5 m
MT9085B-056	1310/1490/1550 nm ±25 nm (SMF)	42/41/41 dB		≤6/6.5/6.5 m
MT9085B-057	1310/1550/1625 nm ±25 nm (SMF)	40/39/38 dB		≤6/6.5/7.5 m
MT9085B-058	1310/1490/1550/1625 nm ±25 nm (SMF)	42/41/41/40 dB		≤7/7.5/7.5/8.5 m
MT9085B-063	1310/1550 nm ±25 nm (SMF) 850/1300 nm ±30 nm (MMF)	42/41 dB 29/28 dB		≤5/5.5 m, ≤4/5 m (3/4 m typ.)
MT9085A (Standard Dynamic Range)				
Options	Wavelength	Dynamic Range*1	Deadzone (Fresnel)	Deadzone (Backscatter)
MT9085A-053	1310/1550 nm ±25 nm (SMF)	39/37.5 dB	≤1 m, ≤80 cm (typ.)	≤5/5.5 m
MT9085A-057	1310/1550/1625 nm ±25 nm (SMF)	37/35.5/32.5 dB		≤6/6.5/7.5 m
MT9085A-063	1310/1550 nm ±25 nm (SMF) 850/1300 nm ±30 nm (MMF)	39/37.5 dB 29/28 dB		≤5/5.5 m, ≤4/5 m (3/4 m typ.)
Common				
Sampling Points	Up to 150,001			
Sampling Resolution	5 cm (min.)			

*1: Typical