

Anritsu MT9085A Optical Fibre All-in-One OTDR Tester 1310/1550

Product Images

Product Code: C00-4544



Short Description

The ACCESS Master MT9085A series is a compact handheld all-in-one tester for performing optical pulse

tests, optical loss/power measurements, and optical fibre end-face inspections.

Description

The ACCESS Master MT9085A series is a compact handheld all-in-one tester for performing optical pulse tests, optical loss/power measurements, and optical fibre end-face inspections.

It has a wide variety of applications, ranging from installation and maintenance (I&M) of trunk fibres (Core, Metro, Mobile Fronthaul, Mobile Backhaul) to troubleshooting Access networks, such as breaks in drop cables.

As well as keeping the intuitive operability of previous models using hard keys and rotary knob, the MT9085A has been upgraded with a wide, 250mm 8-inch, colour, LCD touchscreen. The Fibre Visualiser function has also been taken to the next stage with at-a-glance confirmation of the optical fibre transmission path.

Optical Pulse Test (OTDR)

The optical pulse test measures the optical fibre transmission loss and fibre length as well as detects events, such as breaks in the fibre continuity.

Both single mode and multimode fibres are supported, and the product line includes support for various wavelengths matching the measurement environment.

The easy-to-use Fibre Visualiser function uses two types of realtime sweep (high-speed, high S/N) to check the status of fibre connections and bends while monitoring the waveform; events on the fibre are detected with high accuracy (46 dB dynamic range max., 0.8 m dead zone) and loss is measured.

The excellent waveform quality supports short to long distance optical measurements, including PON and realtime measurement.

Optical Power/Loss Measurement

With a built-in light source and power and loss measurement functions, the all-in-one MT9085A series is ideal for confirming the status of optical fibre installations and fault conditions.

Optical Fibre End-Face Inspection

Optical fibre end-face inspection uses an external fibrescope option (sold separately) to display the condition of the optical connector ferrule end face on the screen of the MT9085A main unit. Optical fibre end-face inspection is important because not only do dirt and scratches on the ferrule face have a major impact on optical fibre circuit transmission quality, but they also prevent accurate optical pulse tests and measurement of optical loss and power.

MT9085A ACCESS Master Standard Dynamic Range

MT9085A-053 SMF 1.31/1.55um OTDR

MT9085A-040 SC Connector

