Fiber Tester Optical Power Meter
ALK-501 Handheld Optical Multi-meter OPM+VFL

Product Description

ALK-501 series Optic Multimeter, hand-held optical Power meter and red-light integrated testers are mainly used for continuous optical signal power measurement, optical fiber link loss testing and optical fiber line on-off testing. It is controlled by a single chip microprocessor with complete functions. Widely used in optical cable construction and maintenance, optical fiber communication, optical cable sensing, optical CATV and other fields. The fuselage design meets the requirements of human body function and adopts advanced thermoplastic moulding technology, which is beautiful and durable. The red-light integrator of optical power meter can be well protected by using embedded detectors and lasers. The tester has compact shape, automatic shutdown function, three red light modes, backlight display, wavelength memory function, optical fiber work identification, support user calibration, wide test range, support lighting.

Features

- Support lighting
- Support automatic shutdown
- Support backlight switch
- Support Wavelength Memory Function
- Support frequency identification (selection)
- Support user calibration
- Support red constant and scintillation (optional)
- Support simultaneous display of linear mW and non-linear index dBm
- Support SC,FC,ST connector port
- Support external power supply such as portable power bank, computer etc.
- Support simultaneous linear (mW) and non-linear (dBm) display
- Support RJ45 testing (optional)
- Chargeable battery, working 72 hours (optional)

Application

Maintenance in Telecom
Maintenance CATV
Test Lab of optical fibers
Other Fiber Optic Measurements

Specification

Wavelength range(nm)	800-1700
Universal Connector	FC/SC/ST
Type of connector	InGaAs
Power measurement range(dBm)	-70~+6
Uncertainty	±5%
Standard wavelength (nm)	850,980,1300,1310,1490,1550,1625,1650
Display resolution	Linear display: 0.1% logarithmic display: 0.01 dBm
VFL	2mW
Operating temperature (℃)	-10~+60
Storage temperature (℃)	-30~+70
Automatic shutdown time (min)	10
Battery Continuous working hours (h)	≥72
size (mm)	112x66x30
Power Supply	1.5v AAx2 Batteries/
Net Weight (g)	140/150
Connector port(optional)	RJ45

Ordering information:

Model	Optic power meter	VFL	RJ45	Battery
ALK-501-A1	-70~+6dBm	5km	--	AA
ALK-501-B1	-50~+26dBm	5km	--	AA
ALK-501-A2	-70~+6dBm	5km	RJ45	AA

ALK-501-B2	-50~+26dBm	5km	RJ45	AA
ALK-501-A3	-70~+6dBm	15km	--	Lithium battery
ALK-501-B3	-50~+26dBm	15km	--	Lithium battery
ALK-501-A4	-70~+6dBm	15km	RJ45	Lithium battery
ALK-501-B4	-50~+26dBm	15km	RJ45	Lithium battery

Standard Package

The ALK-501 handheld optic multimeter comes with user manual,
AC adapter and network test remote (ALK-501B/D)