



ISO 9001:2000 Certified Company

Description

AT2300 Series Handheld OTDR is a high performance, multi-purposes handheld OTDR. The visual fault location (VFL) could assist OTDR locate the fault much quicker. AT2300 is the ideal OTDR solution for both installation and maintenance services

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Key Features

- High Accuracy
- Minimum Dead Zone < 0.8m
- Fast Measurement

Minimum measurement time could be set to 5 seconds, and within 30 seconds a 100km fiber can be measured.

-Handy Operation

One-Button operation allows test result analysis completion in one step which detect and display the fault location with corresponding marker. Traditional double markers could indicate the attenuation characteristics.

-Exquisite Design, Ideal for Fieldwork

Vibration proof, dust proof, humidity proof, 4.3'' TFT Touch Screen, long operating hours and high capacity lithium battery make AT2300 ideal for fieldwork.

-Cost Effective

At same dynamic range, AT2300 has the most cost-effective price among all instrument.

-Long Operating Hour

Operating Hour > 8 hours

Interface (RJ45, USB)

-RJ45

Remote control and data sharing

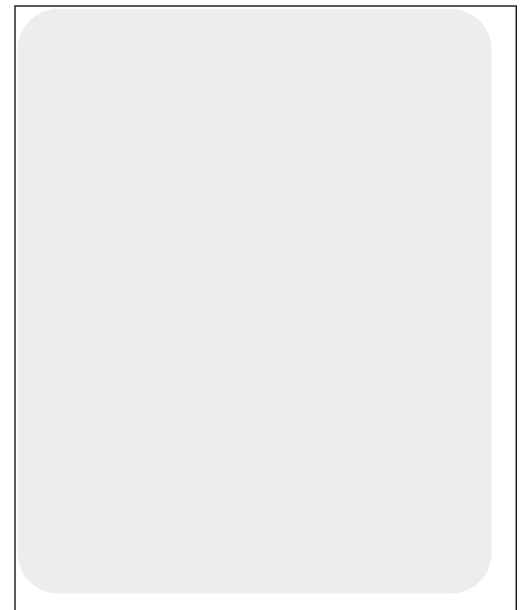
-USB

Data transferring

-Optical Adapter

Easy to replace and clean with lower co

Auto Diagnosis and Auto Correction



ANDA Telecom Pvt. Ltd.

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Registered office : E-36, Amar Colony, Lajpat Nagar-IV, New Delhi - 110024, INDIA

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-Optical adapter detection and protection

AT2300 triggers the alarm when light injection has been found at the optical adapter.

-Optical adapter connection detection

Warning is provided if optical adapter is stained in order to avoid influencing the test result.

-Selfcalibration and correction

Auto calibration function could self-calibrate the instrument after using a certain period of time.

Visual Fault Locator(VFL)

High power visual fault locator could be used to locate fiber and find out the break out point within fiber

Specificati on	Specification	PERFORMANCE
	Fiber Compatibility	Single Mode
	Central Wavelength (nm)	1310 & 1550 for Single Mode;
	Wavelength Tolerance (±)	20.0
	Dynamic range@ Max Wavelength	37.0
	Event dead zone - Maximum	1.35
	Attenuation dead zone - Maximum	4.0

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ALLOWED VALUES

Maximum

260.0

**Display Distance
Range**

Pulse width Range

5 TO 20000 FOR SINGLE

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		MODE/LIVE FIBER TESTING
DISPLAY / STORAGE	Distance Measurement Accuracy (±)	1.0
	Reflection Detection Accuracy(±)	± 4 DB FOR SINGLE MODE
	Sampling points	256000
	Display	TOUCH SCREEN
	Display Size	5.0
	Connectivity interface	USB
	Internal Storage OTDRtraces	10000
	External Storage / MemoryStick Slot provided	USB
	External Storage Capacity inclusive in the scope of supply	32
	Modulation	CW, 270 HZ, 1 KHZ, 2 KHZ
STABILIZED LIGHTSOURCE POWER SOURCE	Optical output power	– 6 DBM FOR SINGLE MODE
	Power Source	INTERNAL / REMOVABLE-RECHARGEABLE BATTERY
	Battery Chemistry, if Rechargeable Battery	LI-POLYMER
	Voltage of each Battery	7.4
	Battery Capacity (mAh)	4800
	Number of Batteries required	1

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for operation

Number of Batteries supplied (Inclusive in the Scope of Supply)

1

Operating Time per full charge (Minimum)

20.0

Built-in Visual Fault Locator (VFL) / Visual Light Source (VSL)

YES

Wave Length Range (VFL/VSL)

650 NM ± 20 NM

Output Function (VFL/VSL)

NA

Maximum Optical output power(Peak) (VFL/VSL) - dBm

- 1.5 DBM

VISUAL FAULT LOCATOR (VFL) / VISUAL LIGHT SOURCE (VLS) FOR OTDR

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SPECIFICATION	SPECIFICATION NAME	SPECIFICATION
	Laser Safety of VFL/VSL as per IEC 60825-1 latest or equivalent international standard	CLASS 2
POWER METER FOR OTDR	Built-in Power Meter	NO
	Power Meter input port	NA
	Wavelength Range	850 NM TO 1650 NM
	Modulation (Power Meter)	NA
	Minimum Power measurement range (dBm)	-70.0
	Maximum Power measurement range (dBm)	0.0 -
	Accuracy (Power Meter) (±)	0.0 -
GENERIC	Connector Tip	PC/UPC
	Connector / Adapter End	SC
	OTDR Data Format	.SOR
	Laser Safety of OTDR as per IEC 60825-1 latest or equivalent international standard	CLASS 1M (1310 NM)

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SALIENT FEATURES	"Salient Features (Select Applicable Features Only)"	SUPPORTS 12 V EXTERNAL BATTERY
ACCESSORIES	Accessories inclusive in the Scope of Supply (Select included Accessories Only)	DC VEHICLE BATTERY-CHARGING ADAPTOR (12 V), CARRYCASE, NA
OPERATING CONDITIONS	Minimum Operating Temperature	-20.0
	Maximum Operating Temperature	50.0
	Maximum Operating Humidity	95.0
CERTIFICATION	Certifications	ROHS,CE,FCC,ISO
	Availability of Test Reports from Central Govt/ NABL/ ILAC accredited lab to prove conformity to the Specifications	NO

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