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30 years in cable communication...

OPTICAL MEASURING INSTRUMENTS

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TOM 103

Optical Power Meter

- Wave ID - Auto wavelength identification & switching
- Frequency ID - Auto frequency identification
- Self-calibration function
- Reference power level can be set up and stored

Product overview

TOM103 Handheld Optical Power Meter is a newly designed fiber optic tester, which aims at the installation, engineering acceptance and maintenance of fiber network. Compared with other usual power meters, the TOM103 has more functions, like automatic wavelength identification, auto wavelength switching, intelligent backlight, data savage via USB port. Combined with TOM202 handheld optical light source, it offers a quick and accurate testing solution on both SM and MM fibers.

Technical specifications

TYPE	TOM103A	TOM103C
Calibrated Wavelength (nm)	850 / 1300 / 1310 / 1490 / 1550 / 1625	
Detector type	InGaAs	
Measurement Range (dBm)	-70 ... +10	-50 ... +30
Uncertainty (dB)	±0.1 (3.5%)	
linearity (dB)	±0.02	
Display resolution (dB)	0.01	
Frequency ID (Hz)	270, 330, 1K, 2K	
Wave ID (nm)	1310, 1490, 1550, 1625	
Data Storage Capacity	1000	
Communication Port	USB	
Connector	FC/SC/ST Interchangable	
Alkaline battery	3 x AA, 1.5V	
Power Adapter (V)	8.4	
Battery Operating time (h)	200 without backlight	
Operation Temperature (°C)	-10 ... +60	
Storage Temperature (°C)	-25 ... +70	
Dimension (mm)	190×100×50	
Weight (g)	370	

Standard configuration

TOM103 Optical Power Meter
3pcs 1.5V Batteries
Power Adaptor
User Manual
USB cable
Cotton Swabs
Soft Carrying Case
FC, SC, ST adapters

TOM 102

Optical Power Meter

- Self calibration function
- Power measurements in dBm or mW and insertion loss in dB
- Low battery consumption
- More than 240h continual operation

Product overview

TOM102 handheld optical power meter is a compact and an easy-to-use testing instrument for optical fiber networks which can be used for absolute optical power measurements as well as for relative loss measurements in optical fibers. TOM102 is a high performance-to-price ratio handheld testing instrument for the network maintenance.

- User adjustable 10 minutes auto-off function
- Comfortable LCD display with backlight for night operation

Technical specifications

TYPE	TOM102A	TOM102C
Wavelength range (nm)	800 ~ 1700	
Detector Type	InGaAs	
Measurement Range (dBm)	-70 ... +3	-50 ... +26
Uncertainty	±5%	
Calibrated Wavelength (nm)	850, 980, 1300, 1310, 1490, 1550	
Resolution	0.01dBm	
Operating Temperature (°C)	-10 ... +60	
Storage Temperature (°C)	-25 ... +70	
Auto-off Time (min)	10	
Battery Operating Time (h)	240	
Dimension (mm)	175×82×33	
Power Supply	alkaline battery (3xAA)	
Weight (g)	310	

Standard configuration

TOM102 Optical Power Meter
3pcs 1.5V Batteries
User Manual
Cotton Swabs
Soft Carrying Case
FC, SC, ST adapters

TOM 101

Mini Optical Power Meter

- Compact size designed for field operation
- Power measurements in dBm and mW.
- 10 minutes Auto-off function

Product overview

TOM101 mini handheld optical power meter is the most lightweight and compact testing instrument in it's class. Can be used for absolute power measurement for optical fibers. The simple layout guaranties short learning period. Use TOM101 in combination with TOM201 mini handheld light source and obtain a portable and wholesome testing pair.

- Adopts FC (interchangeable SC, ST) as well as 2.5mm universal connectors
- Double key design for easy working

Technical specifications

TYPE	TOM101A	TOM101B	TOM101C	TOM101D
Calibrated Wavelengths (nm)	850, 980, 1310, 1550			
Detector	InGaAs			
Measurement Range (dBm)	-60 ... +3	-50 ... +10	-40 ... +20	-30 ... +30
Uncertainty	±5%			
Resolution	0.01 dBm			
Operating Temperature (°C)	-10 ... +60			
Storage Temperature (°C)	-25 ... +70			
Auto-off Time (min)	10			
Battery Operating Time (h)	360			
Power Supply	alkaline battery (3xAA)			
Weight (g)	105			
Dimension (mm)	115×60×20			

Standard configuration

TOM101 Optical Power Meter
Alkaline battery
Instruction Manual
Cotton swabs
Protective Holster
FC, SC, ST adapters

TOM110P

PON Optical Power Meter

- Providing simultaneous measurement at all three
- wavelengths on the fiber (1490nm, 1550nm, 1310nm)
- 1000 measurements can be saved
- or transfered to PC with USB
- Self calibration function

Product overview

TOM110P is a new PON optical power meter which aims at the FTTx applications and maintenance. It can be used to test and estimate the signals of the voice, data and video at the same time. It is an essential and ideal tool for the construction and maintenance of the PON projects.

- 1310nm upstream measurement in burst mode
- TOM110P PON power meter offers up to 10 different threshold sets in total; Three status LEDs
- PON SC standard connector, easy to test
- Backlight LCD display supports night operation

Technical specifications

TYPE	TOM110 PON		
Wavelength	1310 upstream	1490 downstream	1550 downstream
Pass zone (nm)	1260 ~ 1360	1470 ~ 1505	1535 ~ 1570
Measurement Range (dBm)	-40 ... +10	-40 ... +12	-40 ... +25
Isolation1310nm (dB)		>40	>40
Isolation1490nm (dB)	>40		>40
Isolation1550nm (dB)	>40	>30	
Connatural Uncertainty (dB)	±0.5		
Linearity (dB)	±0.1		
Pass through insertion loss (dB)	<1.5		
Unit	dB/dBm/xW		
LCD display	128x64 px		
Resolution	0.01dB		
Optical Connector	Interchangable FC / SC / ST		
Input Power Range	DC 6.5V ~ 8.5V		
Rechargeable Battery	7.4V		
AC adaptor	8.4V		
Fiber Type	9/125μm		
Operating Temperature (°C)	-10 ... +60		
Storage Temperature (°C)	-25 ... +70		
Dimensions (mm)	210 x 115 x 55 (500g)		

Normal Optical Power Meter Module

Measurement Range (dBm)	-70 ~ +6 or -50~+26
Connatural Uncertainty (dB)	±0.25
Linearity (dB)	±0.1
Calibration Wavelength	850,1300,1310, 1490,1550,1625
Resolution (dB)	0,01
Optical Connector	FT / SC / ST
Fiber type	9/125μm

VFL Module

Output power	1mW
Wavelength	650nm
Optical connector	FC/2.5 universal connector

Standard configuration

TOM110P PON Power Meter
Soft carrying case
Rechargeable battery (3pcs 1.5V)
AC Adaptor, User Manual
Cotton Swabs, USB Cable, CD

TOM3226

CWDM Optical Power Meter

- Simultaneously test and show 18 wavelengths
- Friendly interface and easy operation
- Save and upload test results via USB port
- 1000 records
- Columnar graphics or list mode to show test data
- Color TFT-LCD display,high resolution 320*240
- Built-in clock and can edit test fiber number
- Quick start operation, requiring no warm-up time
- Light weight

Product overview

TOM3226 CWDM Power Meter is specially designed for CWDM system, covering wavelength from 1270~1610nm. It measures and monitors optical power and attenuation value of 18 channels from wavelength 1270nm to 1610nm wavelength.

All calibrated wavelengths will be tested simultaneously and all test results will show in the LCD screen.This CWDM power meter features simple operation, quick response and high measurement accuracy which make it an ideal tester in CWDM system installation and maintenance.

Technical specifications

MODEL	TOM3226 - CWDM OPTICAL POWER METER
Wavelength Range	1270 ~ 1610 nm
Number of Channels	18
Wavelength resolution	20nm
Measuring Wavelength (nm)	1270/1290/1310/1330/1350/1370/1390/1410/1430 1450/1470/1490/1510/1530/1550/1570/1590/1610
Dynamic range	+10 to -40dBm
Resolution	0.01dB
Optical interface	FC/PCF(FC, LC, ST available)
Operating Temperature	-10 ... +60°C
Power supply	Rechargeable Battery/AC power adapter
Time of Operating	10h
Dimension	220cm*110cm*70cm
Weight	850g

Standard configuration

TOM3226
USB cable
AC Adaptor
User Manual
CD
Cotton swabs
Soft carrying case

TOM202

Optical Light Source

- Multi wavelength output
- Adjustable output power
- Tone generation, 270HZ, 330HZ, 1kHZ, 2kHZ
- Output power display
- Wave ID and frequency ID together with TOM103

Product overview

Handheld Adjustable Light Source is Teletronik's newly designed fiber optic tester, it aims at fiber network installation, fiber network engineering acceptance and fiber network maintenance. Combined usage with TOM103 handheld optical power meter offers a quick and accurate testing solution on both SM and MM fibers. The TOM202 provides 1 to 4 wavelengths and output power can be adjustable on customer requests.

- Adjustable output power
- User adjustable 10 minutes auto-off function

Technical specifications

TYPE	TOM202
Operating wavelengths (nm)	1310/1550; 1310/1490/1550/1625 (others specify on requests)
Applicable fiber	SM, MM
Laser type	FP-LD (others specify on requests)
Output Power (dBm)	-5 ~ -7
Adjustable Step (dBm)	< 0.5
Adjustable Range	≥5
Stability (dB, 30min, 20°C)	0.15
Modulation (Hz)	CW, 270, 330, 1K, 2K
Fiber Port	FC/PC
Alkaline Battery	3 x AA, 1.5V
Power Supply Adaptor (V)	8.4
Battery Operating time (h)	45 without backlight
Operation Temperature (°C)	-10 ... +60
Storage Temperature (°C)	-25 ... +70
Dimension (mm)	175 x 90 x 44.5
Weight (g)	231

Standard configuration

TOM202 Optical Light Source
3pcs 1.5V batteries
AC Adaptor
User Manual
Cotton swabs
Soft carrying case

TOM201

Mini Optical Light Source

- Economic type, easy to use
- 40 hours continuous operating time

Product overview

TOM201 is the most rugged small size instrument in the industry.
It integrates super small size and strong function in one unit.
With 3 pieces of 1.5V alkaline batteries, it can work continuously for more than 40 hours. The total weight is only 110g. Together with the TOM101 Mini optical power meter, it provides an excellent solution for fiber optic network and for field work.

- High stability output power
- Matched with the TOM201 mini power meter, it constitutes
- the smallest optical loss test kit
- Perfect for field testing

Technical specifications

TYPE	TOM201
Emitter Type	FP- LD
Wavelengths (nm)	1310 or 1550
Ouput Power (dBm)	-7 ~ -6
Output Stability (dB/20°C)	±0.05dB/15min ~ ±0.10dB/8h
Output Type	CW
Optical Connector	FC/PC
Power Supply	3pcs 1.5V AAA batteries
Operating Temperature (°C)	-10 ... +60
Storage Temperature (°C)	-25 ... +70
Battery operating time (h)	40
Dimension (mm)	115x60x20
Weight (g)	110

Standard configuration

TOM201 Optical Light Source
Alkaline battery
User Manual
Cotton swabs
Protective Holster

TOM210

Pen-type Visual Fault Locator

- Continuous and pulse operation
- Constant output power
- Laser case ground design prevents ESD damage

Product overview

TOM210 Pen-type VFL is an economical and efficent solution for field personnel for fiber tracing, fiber routing and continuity checking in optical networks.

- Finding the breakpoint, poor connections, bending or cracking in fiber optic cables
- Finding the faults of OTDR dead zone
- End to end visual fiber identification
- 2.5mm universal connector (1.25mm connector optional)
- Low battery warning
- Crash and dust-proof design for the laser head

Technical specifications

TYPE	TOM210
Central Wavelength	650nm ± 10nm
Emitter Type	FP-LD
Output Power	1mW, 3mW, 5mW, 10mW Optional
Optical Connector	2.5mm universal connector or 1.25mm connector, FC (Male)-LC (Female) convertor can be optional
Operating Model	Both CW and Pulse available
Pulse Frequency	2~3Hz
Power Supply	2pcs AA alkaline batteries
Battery Operating Time	60hours (1mW/650nm)
Operating Temperature (°C)	-10 ... +45
Storage Temperature (°C)	-40 ... +70
Dimension (mm)	Ø15x180
Weight (g)	120

Standard configuration

TOM210 Visual Fault Locator
2pcs Alkaline battery
User Manual
Cotton swabs
Soft Carrying case

TOM 301

Optical Multi Meter

- Automatic frequency identification
- Data storage and transfer to PC
- Insertion loss in dB, and power measurements in dBm or mW
- Adjusting of power meter functions and light source from menu

Product overview

TOM301 handheld optical multi meter integrates the functions of an intelligent optical power meter module and a highly stable light source module in one unit which can perform closed-loop tests by incorporating both modules. Manually adjustable Individual regimes.
A perfect combination to make your optical fiber tests a lot more convenient.

- Large LCD display
- High accuracy measurement, and wider measurement range
- Combines the function of power meter and light source

Technical specifications

TYPE		TOM301
Optical Power Meter Module	Detector Type	InGaAs
	Calibrated wavelengths(nm)	850, 980, 1300, 1310, 1490, 1550
	Measurement Range(dBm)	-70 ~ +6 or -50 ~ +26
	Resolution(dBm)	0.01
	Uncertainty(dB)	±5%
	Data Storage Capacity	240
	Identification Frequency Rang	10Hz ~ 60KHz
Optical Light Source Module	Emitter Type	FP- LD
	Wavelengths (nm)	1310/1550 (optional)
	Ouput Power (dBm)	-7
	Modulation Frequencies	270Hz, 1KHz, 2KHz
General Specifications	Power Supply	Rechargeable Battery + AC Adaptor
	Auto-off time	10 min
	Battery Operating Time	28 h(Only Power Meter is working) 6h (BothPowerMeter & Light Source are working)
	Communication Interface	RS 232
	Operating Temperature (°C)	-10 ... +60
	Dimension (mm)	210x115x55
	Weight (g)	540

Standard configuration

TOM301 Multimeter
Protective Rubber
Rechargeable battery
Power Supply Adaptor
Software Disk
Data upload Cable RS 232
User Manual
Cotton swabs

TOM 402

Fiber Ranger

- Portable, rugged, lightweight, easy to use
- Up to 8 fiber faults can be detected
- in each measurement
- Automatic Pulse Width Control to ensure
- a convenient operation
- Long battery life (up to 5000 measurements)

Product overview

TOM402 Optical Fiber Ranger is the most portable test instrument in the industry. It adopts the OTDR technical principles and integrates the powerful analysis software, which enables the TOM402 fiber ranger to detect fiber fault location easily and more accurate.

- Built-in visual fault locator (VFL)
- Traces faults in deadzone
- Testing the cable distance and identifying the faults location in the fiber link.
- Locates reflective and non-reflective breaks in the fiber network.
- Inspection of fiber, repair and maintenance.
- TOM402 Fiber Ranger is ideal to be used in FTTx network installation and
- maintenance.

Technical specifications

TYPE		TOM402
Operating Wavelength		1550±20nm LD
Fiber Type		9/125μm SM
Optical Connector Type		FC / PC
Detector Type		InGaAs
Max. Displaying Distance	Reflection Event	60km (≥1dB)
	Non-reflection Event	20km (≥2.5dB)
Reflection Event Dead Zone		15m
Measurement Unit		m
Distance Accuracy (Reflection Event)		±2 + 2x10^{-4} x distance (m)
Power Supply		3pcs AA alkaline battery
Battery Operating Time		≥5000 measurements
Temperature (°C)		Working: -5 ... +40 Storage: -10 ... +60
Humidity		0~85% (Non-condensation)
Weight (g)		450

Standard configuration

TOM402 Fiber Ranger
3pcs 1.5V batteries
User Manual
Cotton swabs
Soft carrying case

TOM401

Optical Fiber Identifier

- Digital displaying of relative output power
- Online testing
- Efficiently identifies the traffic direction and frequency tone (270Hz, 1KHz, 2KHz) without damageing of fibers
- Easy to use “One Key” design

Product overview

TOM401 Optical Fiber Identifier is an essential installation and maintenance instrument. By inserting the fiber into its adapter head, it can identify SM optical fibers without any damage by detecting the optical signals being transmitted through them so as to avoid the opening of the fiber at the splice point for identification and thus avoids the interruption of the service. In the presence of traffic, the intermittently audible tone is activated.

- Displays the core power of the fibers (-50~+10dBm)
- Low bending loss and highly efficient output
- Easy-to-replace adaptors (Ø0.25, Ø0.9, Ø2.0, Ø3.0 to match various optical cables)
- Mechanical damp design of adapter heads to ensure the fiber without damage.

Technical specifications

TYPE	TOM401
Identified Wavelength Range	800 - 1700nm
Identified Signal Type	CW, 270Hz ± 5%, 1kHz ± 5%, 2kHz ± 5%
Optical Power Reading (dBm)	-50~+10
Detector Type	1mm InGaAs 2pcs
Adapter Type (mm)	0.25 Applicable for Bare Fiber 0.9/2.0/3.0
Signal Direction	Left & Right LED
Power Display	LED
Signal Frequency	270Hz, 1KHz, 2KHz
Operating Temperature (°C)	-10 ... +60
Storage Temperature (°C)	-25 ... +70
Power Supply	Alkaline batteries (9V)
Dimension (mm)	195x30x27
Weight (g)	235

Standard configuration

TOM401 Optical Fiber Identifier
4pcs adapter heads
Alkaline battery
User Manual
Cotton swabs
Soft carrying case

TOM501

Smart OTDR

Product overview

TOM501 handheld OTDR is a new generation of intelligent optical measuring instrument designed for the optical fiber communication system.

This product is mainly used to measure the parameters of optical fibers and cables, such as length, loss, and connection quality. It can realize the accurate positioning of event points and fault points, and can be widely used in the construction, maintenance testing and emergency repair of the optical fiber communication systems.

Technical specifications

MODEL	TOM501
Type of optical fiber	Single –mode
Center wavelength	1310nm/1550nm ±20nm
Maximum dynamic range (dB)	30/28
Event blind zone	1.5m
Attenuation blind zone	10m
Display type	3.5inch, color LCD, touch screen operation
Optical interface	FC/UPC (Interchangeable SC, ST)
Test range (dB)	500m,1km,2km,4km,8km,16km,32km,64km,128km
Pulse width	10,30,50,100,275,500,1000,5000,10000ns
Range accuracy	± (1m + sampling interval +0.005% × distance)
Attenuation measurement accuracy	±0.05 dB/dB
Reflection measurement accuracy	±4dB
Data storage	≥ 1000 test curves
Communication interface	USB
Visible red light source	
Output power	≥ 2mW
Test distance	≥ 5 km
Environmental adaptability	
Power supply mode	AC / DC adapter: AC: 100V ~ 240V (1.5A), 50/60Hz DC: 18V to 20V (2A) Internal lithium-ion battery pack: 7.4V, 4400mAh
Battery operation time	≥ 10hours
Operating temperature	-5 ... +50 °C
Storage temperature	-20 ... +70°C
Relative humidity	0-95% , no condensation
Weight	≤ 1kg
Volume	208mm × 110mm × 56mm

Standard configuration

TOM501 Instrument
power cable
power adapter
manual
U disk
touchpen
bag
certificate

TOM 502

OTDR

- With 650 nm visible light source
- Quick start: < 5 seconds
- Hotkey design: fast positioning and analysis of events
- USB/RS-232 data interface
- 1000 test records storage
- 8 hours measurement
- Multiple languages: CN/EN/DE/FR/RU/ES/PT/KR/VN
- Dust-shock proof (2m drop test)
- CE, FCC, FDA certificates

Product overview

TOM502 is the preferred choice for the measurement of optical fiber's specifications. With this OTDR, you can make assessment of one single optical fiber or a whole optical fiber chain. Especially, you can directly observe loss and events distribution of optical fiber chain.

Technical specifications

MODEL	TOM502A	TOM502C
Dynamic Range(dB)	32/32	24/24
Fiber Type	Single Mode Fiber	
Wavelength(nm) (±20nm)	1310/1550	
Display Type	Colorful	
Emitter Type	LD	
Connector Type	FC/PC(InterchangeableSC, ST)	
Measurement Time	15s, 30s, 1min, 2min, 3min	
Attenuation zone	12m	18m
Event dead zone	2.5m	5m
Distance Measurement Accuracy	±(1 m + 5×10-5×measurement distance + sample space)	
Attenuation Detect Accuracy	±0.05 dB/ dB	
Reflection Detect Accuracy	±4 dB	
Date storage	1000 the test curve	
Date transmission	RS-232/USB	
VFL output power(dBm)	≥ -3	
VFL measurement distance (km)	NONE	5km
Power Supply	NiMH chargeable battery/ AC adapter	
Operating Temperature	0 ... +50°C	
Storage Temperature	-20 ... +70°C	
Relative Humidity	0~95% (non-condensing)	

Standard configuration

TOM502 Instrument
FC/PC connector
NiMH battery
Trace Manager software CD
Data cable (USB/RS-232)
AC adaptor
Soft carrying case
Warranty card
Quick reference guide

TOM503

OTDR

- IP65 protection level
- 7-inch anti-reflection LCD screen
- Optional PON online test module
- Multi-language display and input
- FTTX test with PON networks
- CATV network testing
- Access network testing
- LAN network testing
- Metro network testing

Product overview

TOM503 is compact and multi-purpose. Whether you want to detect link layer in the construction and installation of optical network or proceed efficient maintenance and troubleshooting, TOM-503 can be your best assistant.

Technical specifications

MODEL	TOM503 OTDR
Dimension	253×168×73.6mm 1.5kg (battery included)
Display	7 inch TFT-LCD with LED backlight (touch screen function is optional)
Interface	1×RJ45 port, 3×USB port (USB 2.0, Type A USB×2, Type B USB×1)
Power Supply	10V(dc), 100V(ac) to 240V(ac), 50~60Hz
Battery	7.4V(dc)/4.4Ah lithium battery (with air traffic certification) Operating time: 12 hours, Telcordia GR-196-CORE Charging time: <4 hours (power off)
Power Saving	Backlight off: Disable/1 to 99 minutes Auto shutdown: Disable/1 to 99 minutes
Data Storage	Internal memory: 4GB (about 40,000 groups of curves)
Language	User selectable (English, Simplified Chinese, traditional Chinese, French, Korean, Russian, Spanish and Portuguese-contact us for availability of others)
Environmental Conditions	Operating temperature and humidity: -10°C ~+50°C , ≤95% (non-condensation) Storage temperature and humidity: -20°C ~+75°C , ≤95% (non-condensation) Proof: IP65 (IEC60529)

Standard configuration

Main unit
Power adapter
Lithium battery
FC adapter
USB cord
User guide
CD disk
Carrying case

Optional

SC/ST/LC adapter
Bare fiber adapter

Technical parameter

Type	Testing Wavelength (MM: ±20nm, SM: ±10nm)	Dynamic Range (dB)	Event Dead-zone (m)	Attenuation Dead-zone (m)
TOM503-S1	1310/1550	32/30	1	8/8
TOM503-S2	1310/1550	37/35	1	8/8
TOM503-S3	1310/1550	42/40	0.8	8/8
TOM503-S4	1310/1550	45/42	0.8	8/8
TOM503-T1	1310/1490/1550	30/28/28	1.5	8/8/8
TOM503-T2	1310/1550/1625	30/28/28	1.5	8/8/8
TOM503-T3	1310/1490/1550	37/36/36	0.8	8/8/8
TOM503-T4	1310/1550/1625	37/36/36	0.8	8/8/8

Test parameter

MODEL	TOM503 OTDR
Pulse Width	Single mode: 5ns, 10ns, 20ns, 50ns, 100ns, 200ns, 500ns, 1μs, 2μs, 5μs, 10μs, 20μs
Testing Distance	Single mode: 100m, 500m, 2km, 5km, 10km, 20km, 40km, 80km, 120km, 160km, 240km
Sampling Resolution	Minimum 5cm
Sampling Point	Maximum 128.000 points
Linearity	≤0.05dB/dB
scale Indication	X axis: 4m~70m/div, Y axis: Minimum 0.09dB/div
Distance Resolution	0.01m
Distance Accuracy	±(1m+measuring distance×3×10-5+sampling resolution) (excluding IOR uncertainty)
Reflectance Accuracy	Single mode: ±2dB, multi-mode: ±4dB
IOR Setting	1.4000~1.7000, 0.0001 step
Units	Km, miles, feet
OTDR Trace Format	Telcordia universal, SOR, issue 2 (SR-4731) OTDR: User selectable automatic or manual set-up
Testing Modes	Visual fault locator: Visible red light for fiber identification and troubleshooting Light source: Stabilized Light Source (CW, 270Hz, 1kHz, 2kHz output) Field microscope probe
Fiber Event Analysis	Reflective and non-reflective events: 0.01 to 1.99dB (0.01dB steps) Reflective: 0.01 to 32dB (0.01dB steps) Fiber end/break: 3 to 20dB (1dB steps)
Other Functions	Real time sweep: 1Hz Averaging modes: Timed (1 to 3600 sec.) Live Fiber detect: Verifies presence communication light in optical fiber Trace overlay and comparison

VFL Module
(Visual Fault Locator, as standard function)

MODEL	TOM503 OTDR
Wavelength (±20nm)	650nm
Power	10mw,CLASSIII B
Range	12km
Connector	FC/UPC
Launching Mode	CW/2Hz

PM Module
(Power Meter, as optional function)

MODEL	TOM503 OTDR
Wavelength Range (±20nm)	800~1700nm
Calibrated Wavelength	850/1300/1310/1490/1550/1625/1650nm
Test Range	Type A: -65~+5dBm (standard); Type B: -40~+23dBm (optional)
Resolution	0.01dB
Accuracy	±0.35dB±1nW
Modulation Identification	270/1k/2kHz,Pinput≥-40dBm
Connector	FC/UPC

LS Module
(Laser Source, as optional function)

MODEL	TOM503 OTDR
Working Wavelength (±20nm)	1310/1550/1625nm
Output Power	Adjustable -25~0dBm
Accuracy	±0.5dB
Connector	FC/UPC

PM Module
(Power Meter, as optional function)

MODEL	TOM503 OTDR
Magnification	400X
Resolution	1.0μm
View of Field	0.40×0.31mm
Storage/working Condition	-18°C ~35°C
Dimension	235×95×30mm
Sensor	1/3 inch 2 millions of pixel
Weight	150g
USB	1.1/2.0
Adapter	SC-PC-F (For SC/PC adapter) FC-PC-F (For FC/PC adapter) LC-PC-F (For LC/PC adapter) 2.5PC-M (For 2.5mm connector, SC/PC, FC/PC, ST/PC)

For in depth information please visit our webpage

Für mehr Information bitte besuchen Sie unsere Webseite

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