

## OTDR Module

### General information about ADOF-1100M Series OTDR Module

- ✓ ADOF-1100M series of OTDR modules are the latest modules to be added to the FC-1 family.
- ✓ The FC-1 platform is Deviser's newest modular platform with advanced technologies that host a wide-range of test and measurement modules.
- ✓ In addition to the OTDR module, the FC-1 supports Ethernet and Transport modules, making FC-1 the only instrument required for testing from physical layer to service layer of emerging (or next generation) networks.
- ✓ The OTDR modules cover a variety of dynamic ranges, satisfying a wide range of testing needs from PON to long haul networks.
- ✓ Its 8 hours of battery operation, allows the user to test all day without stopping to charge its batteries.
- ✓ The FC-1 is the ideal solution of field operation due to its durable, flexible and expandable design.



## Key Benefits:

- ✓ The flexible FC-1 modular platform enables ADOF-1100M OTDR module to be combined with other test modules to expand test application without investing in additional platforms.
- ✓ The user is able to detect the end of a jumper cable with its minimum dead zone of < 0.8m
- ✓ Easy to use graphical interface shortens learning curve
- ✓ One button auto test simplifies setup to quickly detect faults
- ✓ User friendly touch screen operation
- ✓ Fast storage function and one-button operation for saving results.
- ✓ Unique mini menu allows quick and convenient operation of result review.

## Technical specification of the device:

- Measurement Time: Customized
- Distance Accuracy:  $\pm(0.75m + 0.0005 \% \text{ Distance} + \text{Sampling Resolution})$
- Attenuation Accuracy:  $\pm 0.002\text{dB}$
- Loss Threshold: 0.01dB
- Loss Resolution: 0.001dB
- Distance Resolution: 0.05m-12.8m
- Linearity: 0.03dB/dB
- Sampling Points: 256000
- Data Storage: >10000
- Optical Adapter: FC/PC, SC/PC
- Battery: Lithium Rechargeable Battery, Input < 4hours, Output > 10hours
- Operating Temperature:  $-10^{\circ}\text{C} \sim 50^{\circ}\text{C}$
- Storage Temperature:  $-40^{\circ}\text{C} \sim 70^{\circ}\text{C}$
- Relative Humidity: 0%-95%
- Weight (Module): 2.3kg (0.35kg)

