

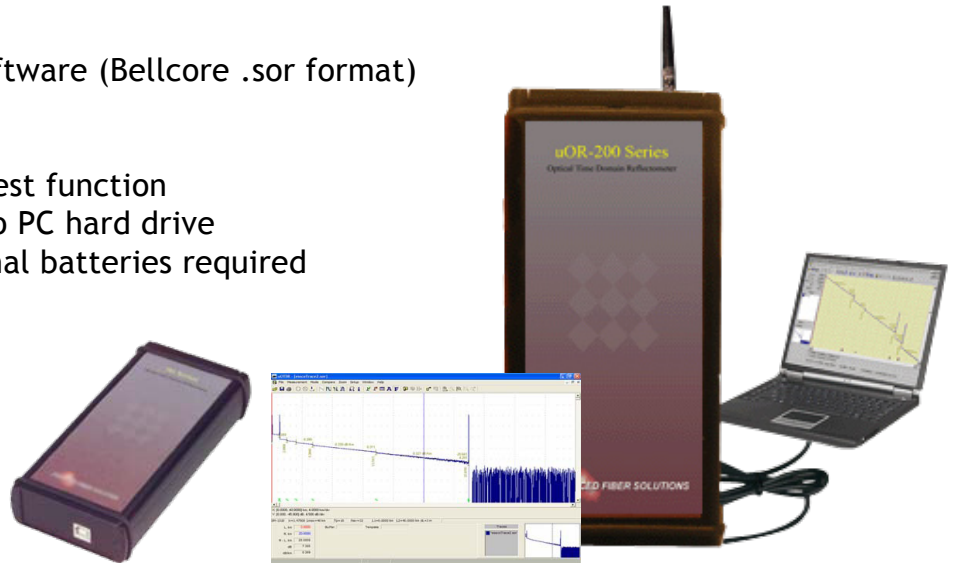
### Application

The 100 series USB OTDR is designed for multimode applications.

All of our PC-Based OTDR's measure the attenuation in optical fibres and splices, as well as the length and the distance to any event, such as a break in a fibre link. The Micro OTDR is the perfect tool for the construction, maintenance and restoration of cable plants. The Micro OTDR is accurate enough for laboratory use but portable and rugged enough for field applications. The Micro OTDR consists of the single, small rugged case; it is lightweight and has a low power consumption. The Micro OTDR is used in conjunction with a PC or Laptop with a USB interface, eliminating the need for batteries completely! The USB connection allows the Micro OTDR to be controlled from a laptop or PC and runs off of Windows operating system (Vista and XP). The Micro OTDR software allows the user to determine all the necessary characteristics of the Optical Firer and is capable of displaying, storing, reading, printing and analysing several traces at the same time.

### Features

- Windows application software (Bellcore .sor format)
- Compact & rugged case
- Filtering function
- Events table and auto test function
- Traces stored directly to PC hard drive
- USB powered, no external batteries required
- Low cost and portable



### Specifications

Model	Wavelength (±30nm)	Dynamic Range (dB)	Attenuation Dead Zone (metres)	Event Dead Zone (metres)	Pulsewidth (nSec)
OPT-USB-101	850 / 1300	26/25	12	3	10.....1,000
OPT-USB-102	850 / 1300	20/19	3	1	5.....1,000
OPT-USB-100A	850	22	3	1	5.....1,000
Distance Range	2.5, 5,10,20,40,80,120,160,240 Km (note: 2.5m range not available on OPT-USB-101)				
Loss Resolution	0.001dB				
Distance Accuracy	±(0.5+5´10 <sup>-5</sup> ´L+(δn/n)´L)				
Refractive Index Range	1.0000...2.0000				
Optical Connector Style	ST, FC & SC				
Supply Current from USB Port	<200mA				
Size	158 x 76 x 32mm (6.25 x 3 x 1.25 inches)				
Weight	680g (1.5 lbs)				
Unit Measurement	Metre, Feet, KM + KF				
Operation Temperature	0° .. +40° C				
Relative Humidity	95% Without Condensation				

#### Optimal Cable Services Pty. Ltd.

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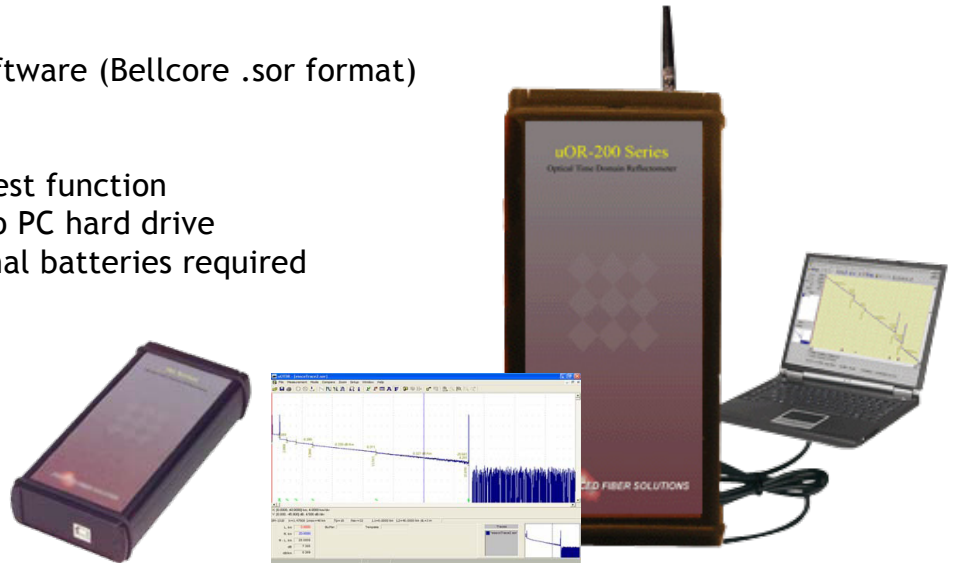
NZ : +61-412-361-281 - Paul Cross

### Application

The 200 series USB OTDR is designed for single mode applications, with the USB-210 designed for FTTH applications. All of our PC-Based OTDR's measure the attenuation in optical fibres and splices, as well as the length and the distance to any event, such as a break in a fibre link. The Micro OTDR is the perfect tool for the construction, maintenance and restoration of cable plants. The Micro OTDR is accurate enough for laboratory use but portable and rugged enough for field applications. The Micro OTDR consists of the single, small rugged case; it is lightweight and has a low power consumption. The Micro OTDR is used in conjunction with a PC or Laptop with a USB interface, eliminating the need for batteries completely! The USB connection allows the Micro OTDR to be controlled from a laptop or PC and runs off of Windows operating system (Vista and XP). The Micro OTDR software allows the user to determine all the necessary characteristics of the Optical Firer and is capable of displaying, storing, reading, printing and analysing several traces at the same time.

### Features

- Windows application software (Bellcore .sor format)
- Compact & rugged case
- Filtering function
- Events table and auto test function
- Traces stored directly to PC hard drive
- USB powered, no external batteries required
- Low cost and portable



### Specifications

Model	Wavelength (±30nm)	Dynamic Range (dB)	Attenuation Dead Zone (metres)	Event Dead Zone (metres)	Pulsewidth (nSec)
OPT-USB-200A	1310 / 1550	29/29	6	1.5	10.....20,000
OPT-USB-200T	1310	30	6	1.5	10.....20,000
OPT-USB-200F	1550	30	6	1.5	10.....20,000
OPT-USB-201	1310 / 1550	32/31	6	1.5	10.....20,000
OPT-USB-203	1310 / 1550	40/39	6	1.5	10.....20,000
OPT-USB-204	1310 / 1550	43/42	6	1.5	10.....20,000
OPT-USB-210	1310 / 1550 / 1625	35/34/32	6	1.5	10.....20,000
Distance Range	5,10,20,40,80,120,160,240 Km				
Loss Resolution	0.001dB				
Distance Accuracy	±(0.5+5´10-5´L+(δn/n)´L)				
Refractive Index Range	1.0000...2.0000				
Optical Connector Style	ST, FC & SC				
Supply Current from USB Port	<200mA				
Size	158 x 76 x 32mm (6.25 x 3 x 1.25 inches)				
Weight	680g (1.5 lbs)				
Unit Measurement	Metre, Feet, KM + KF				
Operation Temperature	0° .. +40°C				
Relative Humidity	95% Without Condensation				

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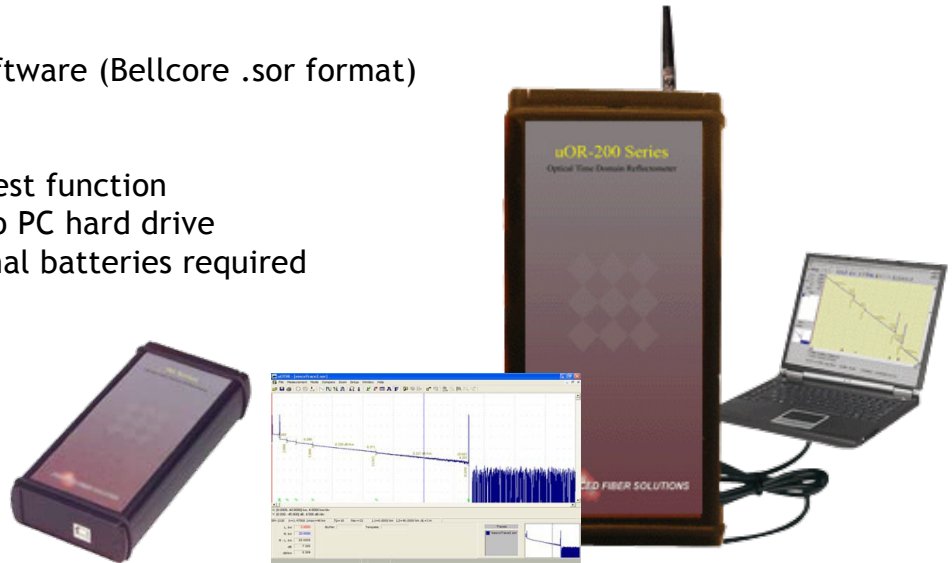
### Application

The 300 series USB OTDR is designed for multimode & single mode applications.

All of our PC-Based OTDR's measure the attenuation in optical fibres and splices, as well as the length and the distance to any event, such as a break in a fibre link. The Micro OTDR is the perfect tool for the construction, maintenance and restoration of cable plants. The Micro OTDR is accurate enough for laboratory use but portable and rugged enough for field applications. The Micro OTDR consists of the single, small rugged case; it is lightweight and has a low power consumption. The Micro OTDR is used in conjunction with a PC or Laptop with a USB interface, eliminating the need for batteries completely! The USB connection allows the Micro OTDR to be controlled from a laptop or PC and runs off of Windows operating system (Vista and XP). The Micro OTDR software allows the user to determine all the necessary characteristics of the Optical Firer and is capable of displaying, storing, reading, printing and analysing several traces at the same time.

### Features

- Windows application software (Bellcore .sor format)
- Compact & rugged case
- Filtering function
- Events table and auto test function
- Traces stored directly to PC hard drive
- USB powered, no external batteries required
- Low cost and portable



### Specifications

Model	Wavelength (±30nm)	Dynamic Range (dB)	Attenuation Dead Zone (mm/sm metres)	Event Dead Zone (mm/sm metres)	Pulsewidth (nSec)
OPT-USB-301	850/1300/1310/1550	26/26/28/29	6/12	1.5/3	10.....20,000
Distance Range	5, 10, 20, 40, 80, 120, 160, 240 Km				
Loss Resolution	0.001dB				
Distance Accuracy	±(0.5+5´10-5´L+(δn/n)´L)				
Refractive Index Range	1.0000...2.0000				
Optical Connector Style	ST, FC & SC				
Supply Current from USB Port	<200mA				
Size	158 x 76 x 32mm (6.25 x 3 x 1.25 inches)				
Weight	680g (1.5 lbs)				
Unit Measurement	Metre, Feet, KM + KF				
Operation Temperature	0° .. +40° C				
Relative Humidity	95% Without Condensation				

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