



SmartOTDR Ordering Guide



What's included as standard

SmartOTDR includes as standard:

- High visibility capacitive touchscreen with a stylus
 - One AC/DC charger/adaptor with 5 adaptable plugs (US, Europe, UK, Japan, Australia),
 - One hands-free soft case with neckstrap and accessory pouch (E10GLOVE),
 - One getting started manual,
 - One USB cable
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- Since April 2019, LiPo Battery is always included – no need to select it

SmartOTDR “A-la-carte” Model Numbers

Part Number	Description
E100A-PC/-APC	SmartOTDR 1550nm A Range Handheld Tester with PC/-APC Connector
E126A-PC/-APC	SmartOTDR 1310/1550nm A Range Handheld Tester with PC/-APC Connector
E118FA65-APC	SmartOTDR Filtered 1650nm A Range Handheld Tester with APC Connector
E118FA65PPM-APC	SmartOTDR Filtered 1650nm A Range Handheld Tester with XG-PON power meter & APC Connector
E138FA65-PC/-APC	SmartOTDR 1310/1550nm & Filtered 1650nm A Range Handheld Tester with –PC/-APC Connector
E126B-PC/-APC	SmartOTDR 1310/1550nm B Range Handheld Tester With PC/-APC Connector
E136FB-PC/-APC	SmartOTDR 1310/1550nm & Filtered 1625nm B Range Handheld Tester with –PC/-APC Connector

Packages

SmartOTDR Packages		OTDR connector
SmartOTDR100A-P0/-P0A	SmartOTDR kit (1550nm only) with SmartTEST Mode Only	SC/PC or SC/APC
SmartOTDR118FA-P0A	SmartOTDR kit (Filtered 1650nm) with WiFi and FTTH-SLM Application	SC/APC
SmartOTDR126A-P0/-P0A	SmartOTDR kit (1310/1550 nm) with Light Source, WiFi and SLM OTDR software	SC/PC or SC/APC
SmartOTDR126A-P1/-P1A	SmartOTDR kit (1310/1550 nm) with Light Source, Power Meter, Visual Fault Locator, WiFi and SLM OTDR software	SC/PC or SC/APC
SmartOTDR138FA-P0A	SmartOTDR kit (1310/1550 nm and Filtered 1650 nm) with Light Source, WiFi and FTTH-SLM Application	SC/APC
SmartOTDR138FA-P1A	SmartOTDR kit (1310/1550 nm and Filtered 1650 nm) with Light Source, Power Meter, Visual Fault Locator, WiFi and FTTH-SLM Application	SC/APC
SmartOTDR136FB-P0	SmartOTDR kit (1310/1550 nm and Filtered 1625 nm) with Light Source, WiFi and FTTH-SLM Application	SC/APC
SmartOTDR136FB-P1	SmartOTDR kit (1310/1550 nm and Filtered 1625 nm) with Light Source, Power Meter, Visual Fault Locator, WiFi and FTTH-SLM Application	SC/APC

All packages include a LiPo battery and a glove case
 SmartOTDR P1 packages come with an additional softcase (FBPP-SCASE2).

Switchable Optical Adapters



- Since July 2016, the OTDR connector always come with an SC optical adapter (EUSCADS or EUSCADS-APC)
- FC and LC adapters can be added as accessories – A magnetic screwdriver (ESCREWDRIIVER-SENKO) is included when an additional adapter is ordered – The magnetic screwdriver is priced (~20\$)

Part Number	Description
EUFCADS	FC Universal Adapter (Screw Type)
EULCADS / EULCADS-APC	LC Universal Adapter (Screw Type) – PC (blue) or APC (green)
EUSCADS / EUSCADS-APC	SC Universal Adapter (Screw Type) – PC (blue) or APC (green)

- Customer/Channel Partner can manually change the adapter (instructions also available in the User Manual)
 - Unscrew the 2 screws of the mounted adapter (by default SC)
 - Remove the adapter from the OTDR connector port
 - Set the new adapter (LC or FC) vertically on the OTDR connector, making sure the connector end-face is not touched and it is properly seated in the keyed slot.
 - Inspect and clean, if necessary, the connector end-face

Options

WiFi / Bluetooth / VFL and Power Meter Options	
E10WIFI	Built-in WiFi Option*
E10BLUE	Built-in Bluetooth Option*
Optical Options	
E10VFL	Built-in VFL option with UPP 2.5 mm adapter
E10PM	Optical power meter option on OTDR port

*Only 1 built-in option possible (either WiFi or Bluetooth)

Recommendation if Bluetooth & WiFi needed:

- Select Internal WiFi (E10WIFI) & external Bluetooth as an accessory (E60EBLUE)

Accessories

Accessories	
EDFScope5KI	P5000i Scope kit including 7 tips and soft case
ESDFScope5KI-4	P5000i Scope kit including 4 tips and soft case
FFL-050-2	Visual Fault Locator – Pocket Sized with 2.5 & 1.25mm adapter
MP-60A	USB optical power meter with 2.5 and 1.25 mm UPP adapters
MP-80A	High-power USB optical power meter with 2.5 and 1.25 mm UPP adapters
Bags/Cases	
FBPP-SCASE2	Soft Case for SmartOTDR
E10GLOVE	Additional Hands-free soft case with neckstrap for SmartOTDR (one included free)
Connectivity Options	
E60EBLUE	External USB Bluetooth Option
E60EWIFI	External USB WIFI Option
Reporting Software	
EOFS100	Optical Fiber Trace Software
EOFS200	Optical Fiber Cable Software

Licenses

Software Licenses	
ESMARTLINK-100	SLM OTDR Software Option
ESMARTFTTA-100	FTTH-SLM OTDR App
ENTERPRISE-100	Enterprise-SLM OTDR App
ESMARTFTTH-100	FTTH-SLM OTDR App
ESMARTCABL-100	Cable-SLM OTDR Software Option
ESMARTACQ-100	Smart Acq OTDR Option
SAA-100-L2	Smart Access Anywhere L2 License

Software Upgrade Licences	
ESMARTLINK100UP	SLM OTDR Software Upgrade Option
ESMARTFTTA100UP	FTTH-SLM OTDR Upgrade App
ENTERPRISE100UP	Enterprise-SLM OTDR Upgrade App
ESMARTFTTH100UP	FTTH-SLM OTDR Upgrade App
ESMARTCABL100UP	Cable-SLM OTDR Software Upgrade Option
ESMARTACQ100UP	Smart Acq OTDR Upgrade Option
SAA-100-L2UPG	Smart Access Anywhere L2 Upgrade License
EXPERTOTDR100UP	ExpertOTDR Mode Upgrade License (for SmartOTDR100A/E100A version only)
E10PM-UPG	Optical power meter option on OTDR port Upgrade License

SmartOTDR Performance

SmartOTDR– 100A Series

Last Mile – Access FTTx/PON OTDR

4.090€

5.913€

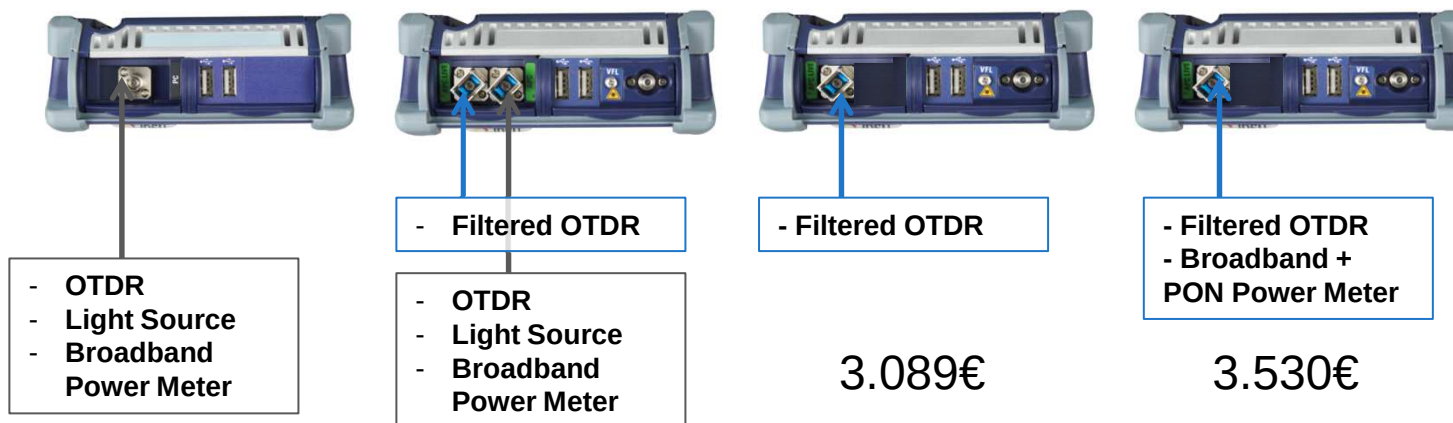
2.295€

2.735€

ESL18FA65-APC
Screenless OTDR

ESL18FA65PPMAPC
Screenless OTDR

	E126A	E138FA65	E118FA65	E118FA65PPM
Central wavelength	1310/1550 nm ±20 nm	1310/1550// F1650 ±20 nm	Filtered 1650 nm ±20 nm	Filtered 1650 nm ±20 nm
RMS dynamic range	37/35 dB	37/35//32 dB	32 dB	32 dB
Splitter type	N/A	1/32	1/32	1/32
Broadband Power meter	Yes (Option)	Yes (Option)	No	Yes + Terminated PON PM
Light Source	Yes	Yes	No	No



SmartOTDR – 100B Series

Metro - FTTX/PON OTDR

5.763€

7.797€

	E126B	E136FB
Central wavelength	1310/1550 nm $\pm$ 20 nm	1310/1550// Filtered 1625 nm $\pm$ 20 nm
RMS dynamic range	40/40 dB	40/40//41 dB
Splitter type	N/A	1/128
Broadband Power meter	Yes (Option)	Yes (Option)
Light Source	Yes	Yes



- OTDR
- Light Source
- Broadband Power Meter



- Filtered OTDR

- OTDR
- Light Source
- Broadband Power Meter

SmartOTDR Generic Packages (April 2020)

		Part Number	Comments
Installation	1550nm – 30dB	STOTDR-BASE-I-PC	
	1550nm – 30dB	STOTDR-BASE-I-APC	
	1310/1550nm – 30/30dB	STOTDR-PLUS-I-PC	
	1310/1550nm – 30/30dB	STOTDR-PLUS-I-APC	
	1310/1550nm – 37/35dB	STOTDR-PRO-I-PC	
	1310/1550nm – 37/35dB	STOTDR-PRO-I-APC	
	1310/1550nm – 40/40dB	STOTDR-PREMIUM-I-PC	
	1310/1550nm – 40/40dB	STOTDR-PREMIUM-I-APC	
Maintenance	F 1650nm – 32dB	SMARTOTDR118FA-P0A	
	F 1650nm – 32dB – BB + PON PM	To be quoted a-la-carte	
Installation & Maintenance	1310/1550//F1650nm 37/35/32dB	STOTDR-PRO-IM-APC	
	1310/1550//F1650nm 40/40//41dB	STOTDR-PREMIUM-IM-APC	SMARTOTDR138FB-P1C (for LATAM only)
	1310/1550/F1625nm 40/40//41dB	SMARTOTDR136FB-P1	SMARTOTDR136FB-P1C (for LATAM only)

SmartOTDR Generic Packages (April 2020)

	BASE (30dB)	PLUS (30dB)	PRO (35dB+)	PREMIUM (40dB+)
Installation	100AS (1550nm) STOTDR-BASE-I-APC STOTDR-BASE-I-PC	100AS (1310/1550nm) STOTDR-PLUS-I-APC STOTDR-PLUS-I-PC	126A (1310/1550nm) STOTDR-PRO-I-APC STOTDR-PRO-I-PC	126B (1310/1550nm) STOTDR-PREMIUM-I-APC STOTDR-PREMIUM-I-PC
Maintenance	118FA65 (F1650nm) SMARTOTDR118FA-P0A	118FA65PPM (F1650nm) Coming soon		
Installation / Maintenance			138FA65 (1310/1550/F1650nm) STOTDR-PRO-IM-APC	138FB65 (1310/1550/F1650nm) STOTDR-PREMIUM-IM-APC

	Built-in WiFi	Light Source	Smart TEST App.	Power Meter	Expert App.	VFL	Additional carrying case	FTTH-SLM Base App.
BASE	✓	✓	✓					
PLUS	✓	✓	✓	✓				
PRO	✓	✓	✓	✓	✓	✓	✓	
PREMIUM	✓	✓	✓	✓	✓	✓	✓	✓

The image features a high-angle, nighttime photograph of a city skyline, likely Chicago, with numerous illuminated skyscrapers and a body of water in the background. A large, semi-transparent geometric shape, composed of a blue triangle and a purple trapezoid, is overlaid on the right side of the image. The company logo is displayed in white within the blue section of this overlay.

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