FVA-600 Variable Attenuator



Delivers the highest performance within handheld optical attenuators on the market.

KEY FEATURES

Most compact and rugged portable attenuator on the market

Low cost of ownership: three-year warranty and recommended calibration interval

Three operating modes: Absolute, Relative and Power

Backlit display, optimized for dim environments

USB-based remote control capability, for easy test routine integration

Rechargeable Li-ion battery

COMPLEMENTARY PRODUCTS



SONET/SDH Test Modules FTB-8115 – FTB-8120 FTB-8130 – FTB-8140



Optical Light Sources FLS-300 FLS-600 **Optical Power Meters** FPM-300 FPM-600

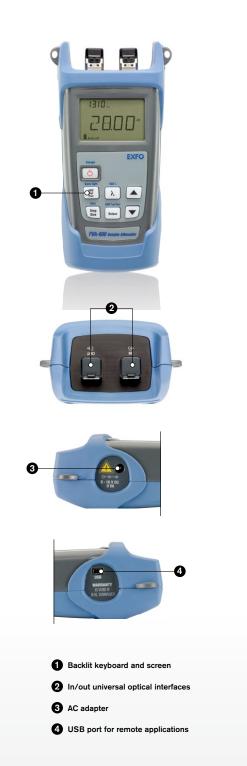
APPLICATIONS

Handles high power up to 24 dBm, suiting any application, including CATV and telco

BER testing-ready: high optical resolution of 0.01 dB

FTTx-ready: standard 1310, 1490, 1550 and 1625 nm wavelengths





SPECIFICATIONS *	
Fiber type (μm)	9/125
Calibration wavelengths (nm)	1310/1550
Wavelength range (nm)	1250 to 1625
Wavelength increment (nm)	1
Maximum attenuation (dB)	65
IL (dB) ^{b, c, d}	≤1.5
Resolution (dB)	0.01
Linearity (dB) ^{b, c, e}	±0.1
Repeatability 2 σ (dB) $^{\circ}$	±0.1
Optical return loss (dB) ^{f, h, i}	>50
Max. input power (dBm) ^g	24
Battery life (hours) ^e	>300
Warranty and recommended calibration interval (years)	3

GENERAL SPECIFICATIONS		
Size (H x W x D)	190 mm x 100 mm x 62 mm (7 ½ in x 4 in x 2 ½ in)	
Weight	0.6 kg (1.3 lb)	
Temperature operating storage	-10 °C to 50 °C (14 °F to 122 °F) -40 °C to 70 °C (-40 °F to 158 °F)	
Relative humidity	0 % to 95 % non-condensing	
Power	AC adapter and rechargeable Li-ion battery	

STANDARD ACCESSORIES

User guide, Certificate of Calibration, quick reference sticker in five languages, AC adapter/charger, connector adapter (EUI-XX), lithium ion battery, shoulder strap, semi-rigid carrying case, USB cable, instruction manual on CD

Notes

- a. At 23 °C ± 3 °C.
- b. At 1310 nm \pm 30 nm.
- c. At 1550 nm \pm 40 nm.
- d. Excluding connectors.
- e. Typical.

- f. At minimum IL.
- g. Prolonged exposure to maximum imput
- power will impair linearity calibration.
- h. At 1310 nm \pm 1 nm and 1550 nm \pm 1 nm.
- i. Including connectors.

FVA-600-B-XX

Connector ■ EI-EUI-28 = UPC/DIN 47256 EI-EUI-76 = UPC/HMS-10/AG EI-EUI-89 = UPC/FC narrow key EI-EUI-90 = UPC/ST EI-EUI-91 = UPC/SC EI-EUI-95 = UPC/E-2000 EI-EUI-95 = UPC/LC

ORDERING INFORMATION

EA-EUI-28 = APC/DIN 47256 EA-EUI-89 = APC/FC narrow key EA-EUI-91 = APC/SC EA-EUI-95 = APC/E-2000 EA-EUI-98 = APC/LC Example: FVA-600-B-EI-EUI-89

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