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Find the *Exfo FVA-80-D-32* at our website: *Click HERE*

OPTICAL SPECIFICATIONS[2]

MODEL FVA-80	-BXX	-CXX	-DXX	-EXX
Fiber Type(µm)	9/125	50/125	62.5/125	100/140
Calibration Wavelengths (nm)	1300,1550	850,1300	850,1300	850,1300
Maximum Attenuation (dB)	-65	-65	-65	-65
Insertion Loss[3] -max (dB)	-3.0	-3.0	-3.0	-3.0
-typical (dB)	-2.4	-2.2	-2.2	-2.2
Optical Resolution (dB)	±0.01	±0.01	±0.01	±0.01
Linearity (dB)[4]	±0.05	±0.05	±0.05	±0.05
Repeatability -max (dB)	±0.03	±0.03	±0.03	±0.03
-typical (dB)	±0.01	±0.01	±0.01	±0.01
Back-reflection[3,5]				
Standard Unit -max (dB)	-28	-26	-26	-26
-typical (dB)	-31	-29	-29	-29
LBR Option -max (dB)	-45	N/A	N/A	N/A
-typical (dB)	-50	N/A	N/A	N/A

GENERAL SPECIFICATIONS[2]

Size	26 X 22.5 X 9 cm	10 1/4 x 8 7/8 x 3 1/2 in
Weight		
• Unit:	4kg	9 lb
• Shipping:	7 kg	15 lb
Speed 0 to 65 dB in 60 seconds at maximum scan rate		
Environment		
• Operating temperature:		-10 °C to +40 °C
• Storage temperature:		-30 °C to +60 °C
• Relative humidity:		0 to 90% non-condensing
Power		
• AC (85-264 VDC, 47-63 Hz)		
• Rechargeable batteries (approx 12 hours)		
• DC supply (12 VDC ±3, 1.5 A)		
Standard Accessories		
Carrying handle, AC cord, manual and rechargeable battery		

ORDERING INFORMATION

FVA-80-[1][2][2]-[3][3][3]-[4][4]-[5][5][5]-[6][6]

[1] Specify the type of fiber on which the attenuator will be used.

B: Singlemode 9/125 µm fiber
C: Multimode 50/125 µm fiber
D: Multimode 62/125 µm fiber
E: Multimode 100/140 µm fiber

[2][2]: Input/Output connectors may be fixed or interchangeable:

A: Fixed connectors

10: Unterminated fibers	12: Biconic	14: NEC-D4	16: SMA-906
22: NTT-FC	24: Radiall VFO	26: Stratos (430-830)	28: Diamond DIN
32: AT&T-ST	34: AT&T (type BNC)	40: Diamond HMS	42: Radiall PFO
44: Radiall MFO	50: NTT-FC/PC	52: Biconic Bayonet	54: NTT-SC
58: NTT-FC/APC Seiko Geiken	60: Radial VFO-DF	62: NEC-D4/PC	
70: NTT-FC/Super PC	74: AT&T ST/PC	78: Radial EC	

B: Interchangeable connectors for use with the optional Universal Interface System UIA (2 universal receptacles and 2 connector adapters for each connector type you wish to use are required):

UIA-12: Biconic	UIA-14: NEC-D4	UIA-16: SMA-906
UIA 22: NTT-FC	UIA 28: DIAMOND DIN	UIA-32: AT&T-ST
UIA-40: DIAMOND HMS	UIA-54: NTT-SC	

[3][3][3] Indicate whether the unit will have a second set of input/output ports (use same codes as [1] and [2][2])

[4][4] Specify your choice of optional computer interface:

-RS: Serial RS-232 interface
-IE: IEEE-488 interface
-RS-IE: Both interfaces

[5][5][5] Specify -LBR option for Low Back-Reflection option on Singlemode units only.

[6][6] RK option may be ordered to allow the rack-mounting of the FVA-80 (19-inch rack)

Notes:

1 IBM-PC is a registered trademark of International Business Machines
2 Measured at 23 ±2 °C unless otherwise specified
3 May vary according to specific type of input/output connectors
4 Source wavelength dependence: below 0,0008 dB/dB x nm at 1300 nm typical.
5 At 1300 nm

SPFVA-80.3AN Nov. 92

ALSO AVAILABLE FROM EXFO

LAN / ISDN / FDDI / SHORT HAUL / CATV PRODUCTS

FOT-10	Low cost dBm optical power meter
FOT-20	Low cost power meter (dBm, dB, W)
FOT-30	Low cost attenuation meter (dBm, dB, W)
FOT-50	Power/attenuation meter with optional source
FOS-120	Low cost LED source
FLS-130	Low cost Laser source
FLS-230A	Visual fault locator at 650 nm
VCS-15	Dual-fiber long range talk set

TELECOM / SONET / CATV PRODUCTS

FOT-900	Power/attenuation/return loss test set with FasTest™
FOT-900PC	Power/attenuation/return loss test set with FasTest™ on card for PC
FOT-90(E)	Power meter/attenuation meter and dual source
FLS-210A	LED/Laser dual-wavelength source (FasTest™-compatible)
VCS-20A	Single-fiber multi-party talk set
BRT-320	Hand-held back-reflection test set

LABORATORY AND HIGH END PRODUCTS

FOT-150	Attenuation/return loss test set
FLS-220	High performance variable LED/Laser source
BRT-300	Optical back-reflection test set
VBR-310	Variable optical back-reflector
FOT-140	4 Channel power meter on card for PC

OPTICAL TIME DOMAIN REFLECTOMETERS

FCS-100	
FCS-102B	Singlemode OTDR at 1310 nm on a PC-card
FCS-103B	Singlemode OTDR at 1550nm on a PC-card
FCS-123B	Singlemode 1310/1550nm OTDR on a PC-card
FCS-102C/D	Multimode 1310 nm OTDR on a PC-card
FCS-101C/D	Multimode 850nm OTDR on a PC-card

TEST KITS AND ACCESSORIES

TK-XXX	Several application-specific test kits (FDDI, LAN, etc.)
TJ-XXX-XX	Full range of test jumpers
FOA-XX	Full range of connector adapters for power meters
UIA-XX	Complete selection of interchangeable adapters (for Universal Interface only)

Contact EXFO for prices & availability or to obtain the phone number of your local EXFO agent.



Many Input/Output connectors can be installed on the FVA-80 High performance variable attenuator. A large selection of fixed or interchangeable connectors may be obtained from EXFO.

EXFO
Electro-Optical Engineering

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