Acision FIV-100
Fiber Optic Identifier

ACISION™

The FIV-100 Optical Fiber Identifier is an important tool for optical maintenance, which is used for nondestructive fiber identification. Additionally, it has a Visual Fault Locator module with fault location functionality.

FIV-100 can measure signal direction and power using macro bending technology and prevent interruptions due to misoperations.

Specification	
Detector Type	Ø1mm InGaAs 2pcs
Model Number	Ø0.25 (Applicable for Bare Fiber) Ø0.9 (Applicable for Ø0.9 Cable) Ø2.0 (Applicable for Ø2.0 Cable) Ø3.0 (Applicable for Ø3.0 Cable)
Signal Direction	Left & Right LED
Singe Direction Test Range (dBm, CW/0.9mm bare fiber)	-46~10(1310nm) -50~10(1550nm)

Frequency Test Range (dBm, Average Value)	Ø0.9, Ø2.0, Ø3.0	-30~0 (270Hz,1KHz)
		-25~0 (2KHz)
	Ø0.25	-25~0 (1KHz,2KHz)
		-20~0 (2KHz)

Insertion Loss (dB, Typical Value)	0.8 (1310nm)
	2.5 (1550nm)
Alkaline Battery(V)	9
Operating Temperature(°C)	-10 to 60 °C
Storage Temperature(°C)	-25 to 70 °C