

# HP 83420A

## HP 70824B Error Detector System



## Description

- 1300nm DFB laser, modulator, receiver and directional coupler.
- When combined with an external controller and a HP 8510 microwave analyzer system : will test from 130 MHz to 20 GHz.
- Center Wavelength:  $1308 \pm 10\text{nm}$
- Average Optical Power Out:  $600\mu\text{W}$  (max),  $260\mu\text{W}$  (typ.),  $125\mu\text{W}$  (min)
- Optical Connector: HMS 10/HP Diamond
- 6x 81000xl connectors are needed and sold separately.
- Includes options 100/011 and 220
- This option adds an optical switch and input port to the instrument. With this option an external lightwave source can be switched in to substitute for the internal lightwave source of the instrument. Do not use this option with any laser source operating at less than 1200nm
- HMS-10/HP Connector
- Replaces the internal 1300nm FP laser with a 1300nm distributed feedback laser.