

High accuracy C band Optical Frequency Counter MF-5802A



MF-5802A measures laser frequency using optical comb system which realizes ultra high accurate measurement not affecting by air and wavelength dispersion of optical components. All of functions are automated so that it can easily calibrate optical frequency of input laser.

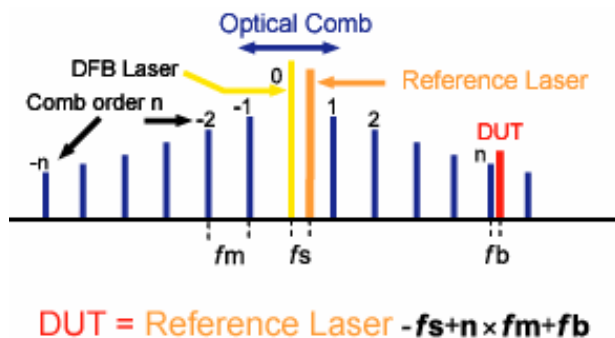
■ Features

- Optical communication (C band)
- High accuracy +/- 200kHz
- High speed measurement > 10ms

■ Applications

- Frequency calibration
 - Comparison between calibration sources
 - Calibration of optical spectrum analyzers, wavelength meters, tunable lasers, etc.
- High precise spectroscopy
- High precise interferometric measurements, distance or displacement sensing

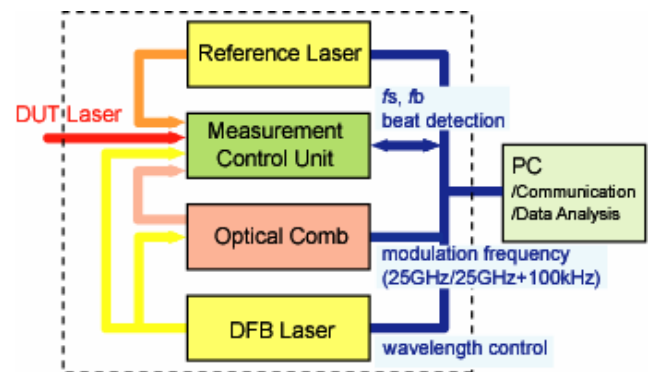
■ Principle



■ Specification

Item	Specification
Wavelength range	1530 ~ 1565 nm
Input power range	-10 ~ +10 dBm
Frequency accuracy	+/- 200 kHz (1.5 fm)
Optical connector	FC/PC
Gate time	10 ms ~ 100 s
Operating temperature	23 +/- 5 degree C
Power supply	AC100V
Dimension	449W x 496D x 315H mm ³ (19in x 7U)

■ System



■ Head Office

Imperial Ochanomizu 302, 3-11-2, Kanda Ogawamachi, Chiyoda-ku, Tokyo 101-0052 Japan
Phone: +81-3-6426-2831

■ Yokohama R&D Center

Tokyo Tech, Yokohama Venture Plaza E206, 4259-3, Nagatsuta-cho, Midori-ku, Yokohama-shi, Kanagawa 226-8510 Japan
Phone: +81-45-982-2213 Fax: +81-45-982-2215
<http://www.optocomb.com>