## PROGRAMMABLE OPTICAL ATTENUATOR
# MN938A
**0.85/1.3 µm**

*For Two Wavelengths of 0.85/1.3 µm*


GPIB

The MN938A can set attenuation in a range of 0 to 60 dB in 0.1 dB steps. Two wavelengths can be selected. As the MN938A is provided with GPIB as standard, it can be used in a variety of automatic measuring systems for development, production, and inspection. A rotary encoder permits attenuation to be set smoothly even when used manually.

### Features
- Wide attenuation range: 0 to 60 dB
- Application for two wavelengths by switch selection
- Suitable for multi-mode fibers (50/125 µm)

## OPTICAL VARIABLE ATTENUATOR
# MN95D
**1.3 µm**

*High-Stabile Attenuation*


The MN95D optical variable attenuator passes an optical signal from a light emitting element through an optical fiber via a lens through an attenuating filter to reduce it to an appropriate light power output. It is a reflection type using metallic film and is used in the 1.3 µm band. The MN95D can be varied continuously and in steps.

### Features
- Metallic film filters assure a wide range of usable wavelengths and stable accuracy.
- Prevention of multiple reflection
- Small and lightweight
- Suitable for multi-mode fibers (50/125 µm)

## OPTICAL ATTENUATOR
# MN924C, MN9605C
**1.3/1.55 µm**

*Easy-to-Change Optical Connector Adapters*


The MN924C and MN9605C are high-precision optical attenuators designed for use with single mode optical fibers. A combined step attenuator and continuous attenuator permit highly accurate attenuation adjustment.
The MN9605C has PC-type optical connectors, so that internally-reflected light is thoroughly suppressed. It is precisely constructed for single-mode fiber use and can be used as a highly accurate 65 dB variable attenuator.

### Features
- Suitable for 1.3 and 1.55 µm wavelengths
- Minimal light reflection at input/output connectors (return loss: ≥40 dB; MN9605C)
- Optical connector adapters easily attached and removed