

2.3 Outline of Installation Devices

2.3.1 Appearance and Specifications of Optical Network Unit (ONU)

The description of Optical Network Unit (ONU) given here is based on a typical example.

For the lamp statuses, etc., refer to "Guide to Introduce NACCS Communication Line Service (User Access Line)"

(1) Dedicated line (fiber optic) Optical Network Unit A

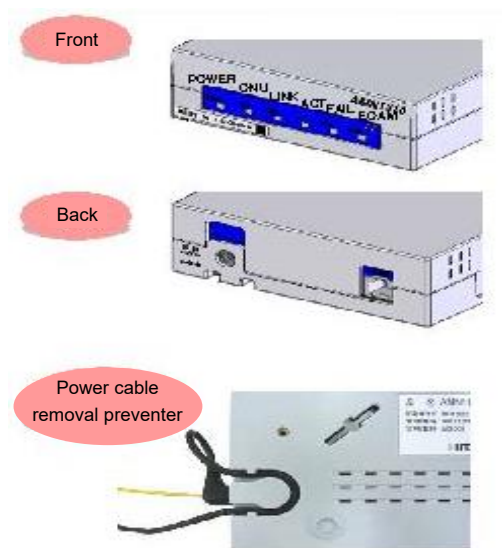


Figure 2.3.1 Dedicated line (fiber optic) Optical Network Unit A - appearance image

Table 2.3.1 Dedicated line (fiber optic) Optical Network Unit A - Specifications

Outline dimensions	130 mm (W) × 200 mm (D) × 42.4 mm (H)
Weight	1 kg or less
Power supply type	AC 100 V
Power supply form	2-pin (JIS C 8303)
Power consumption	10 W or less
Other	To reinsert the power supply cable, do so either at the socket outlet or at the adapter connection port on the back face of the device.

(2) Dedicated line (fiber optic) Optical Network Unit B

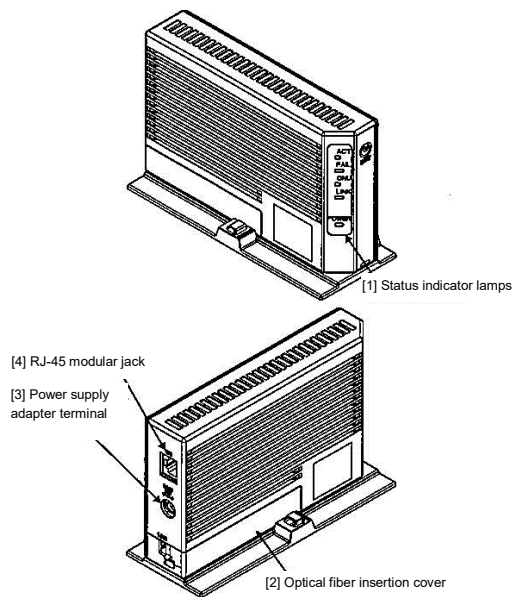


Figure 2.3.2 Dedicated line (fiber optic) Optical Network Unit B - appearance image

Table 2.3.2 Dedicated line (fiber optic) Optical Network Unit B - Specifications

Outline dimensions	35 mm (W) × 169 mm (D) × 105 mm (H)
Weight	500 g or less
Power supply type	AC 100 V
Power supply form	2-pin
Power consumption	10 W or less
Other	To reinsert the power supply cable, do so either at the socket outlet or at the adapter connection port on the back face of the device.

(3) Fiber Optic Broadband

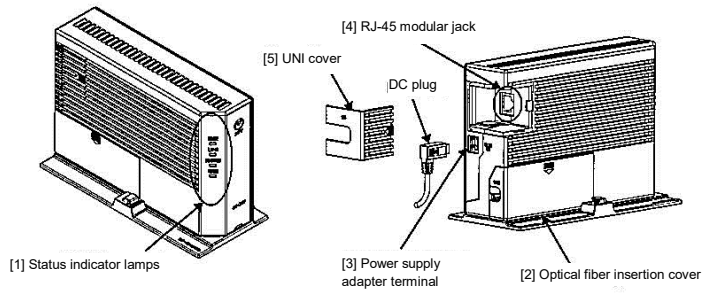


Figure 2.3.3 Fiber Optic Broadband - appearance image

Table 2.3.3 Fiber Optic Broadband - Specifications

Outline dimensions	44.6 mm (W) × 170 mm (D) × 115 mm (H)
Weight	600 g or less
Power supply type	AC 100 V
Power supply form	2-pin
Power consumption	4 W or less
Other	To reinsert the power supply cable, do so either at the socket outlet or at the adapter connection port on the back face of the device.

2.3.2 Appearance and Specifications of NACCS Connection Router (for dedicated line and Fiber Optic Broadband Connections)

This section describes the NACCS Connection Router.

For the lamp statuses, etc., refer to "Guide to Introduce NACCS Communication Line Service (User Access Line)".

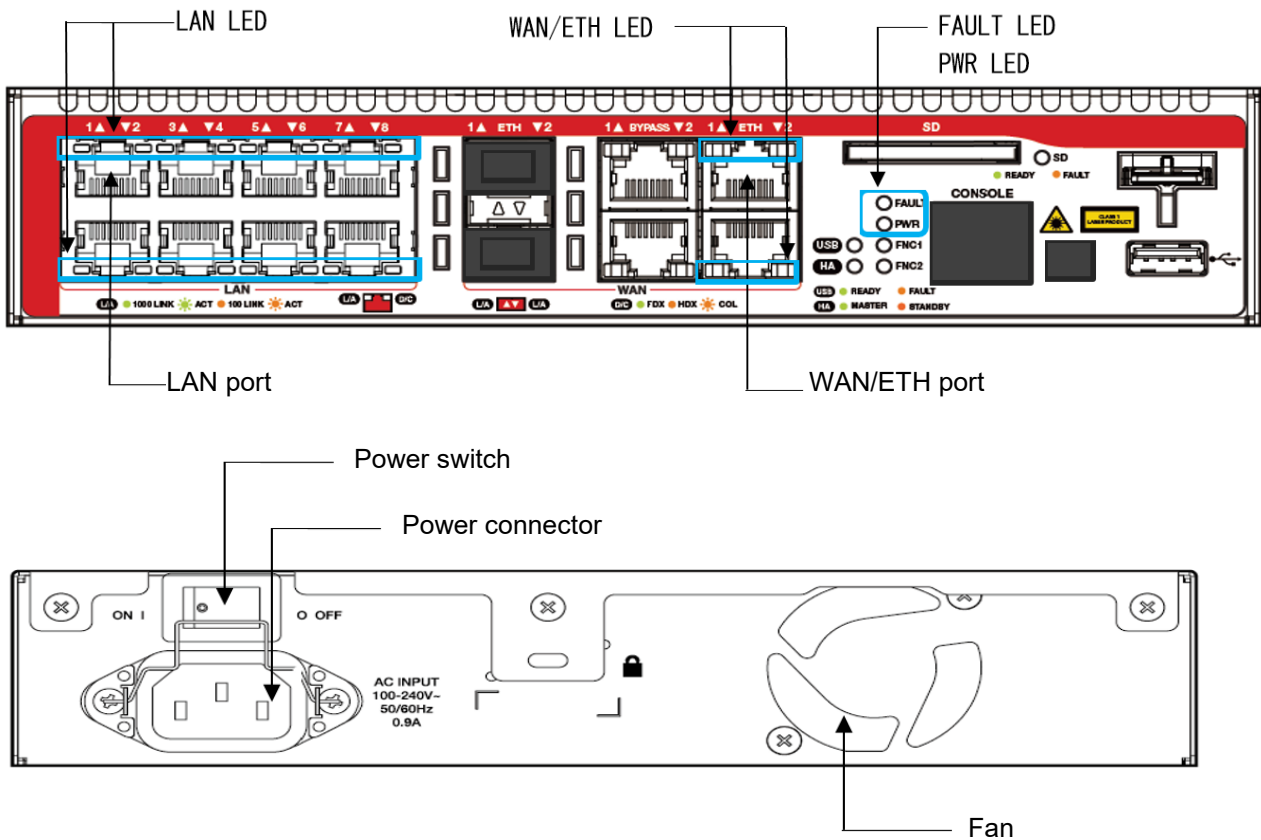




Figure 2.3.3 NACCS Connection Router (For dedicated line and Fiber Optic Broadband Connections) -appearance image

Table 2.3.3 NACCS Connection Router (For dedicated line and Fiber Optic Broadband Connections) - Specifications

Mounting port	<p>WAN: 10/100/1000BASE-T (RJ-45 connector) ×2</p> <p>LAN: 10/100/1000BASE-T (RJ-45 connector) ×8</p>
Power supply unit	<p>Frequency: 50-60 Hz</p> <p>Average power consumption: 18 W (maximum 23 W)</p> <p>Average heat value: 65 kJ/h (maximum 81 kJ/h)</p> <p>Maximum input current: 0.44 A</p> <p>Input voltage: AC 100 V-240 V</p> <p>External power: none</p> <p>Power cable: AC power cable for 100 V</p> <p>Socket outlet: 3-pin, with earthing contact (See )</p>
LAN interface	<p>Supported standards: IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX, IEEE 802.3ab 1000BASE-T</p>
Supporting protocol	IP
Outline dimensions	210 (W) × 220 (D) × 42.5 (H) mm (excluding projection)
System requirements	<p>Operation temperature: between 0 and 50 degrees Celsius</p> <p>Operation humidity: below 80 percent (no condensation)</p> <p>Storage temperature: between -20 and 60 degrees Celsius</p> <p>Storage humidity: below 95 percent (no condensation)</p>
Weight	1.7 kg

 For the NACCS connection router, a socket outlet with 3-pin earthing plug (OA socket outlet) should be used without fail. Note that when routers fail due to the fact that socket outlets with a 3-pin earthing plug are not used, the repair costs, etc. should be borne by the user.