WIRELESS LAN MODULE

KWM-DS540-N2

Specification

1.Brief description

KWM-DS540-N2 is a IEEE802.11a compliant wireless LAN module.

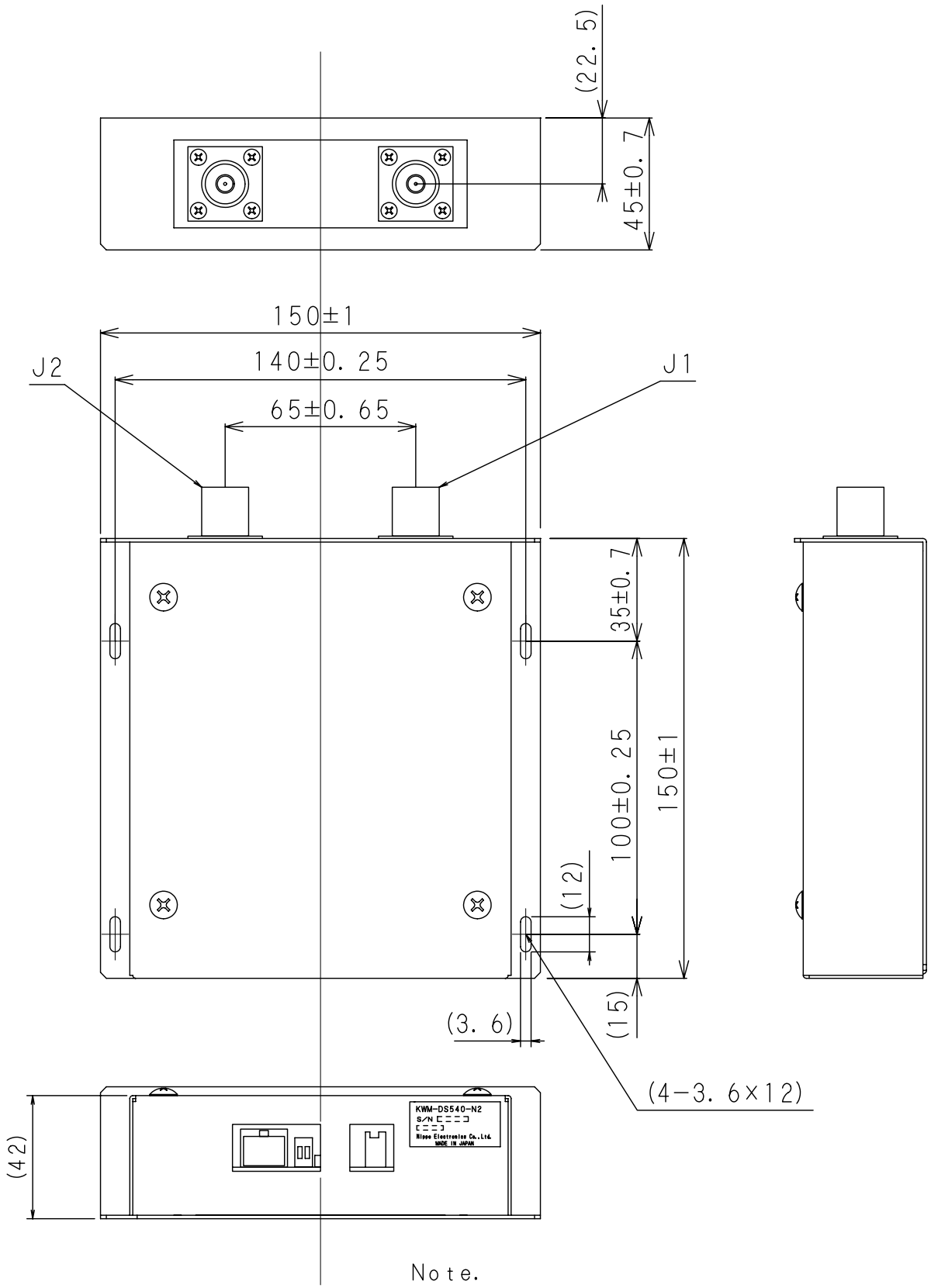
2.Detailed description

Detailed description of KWM-DS540-N2 is given in table 2-1.

TABLE 2-1. Detailed description

Specifications items		KWM-DS540-N2
Wired LAN unit	Ethernet standard	IEEE802.3 (10BASE-T), IEEE802.3u(100BASE-TX)
	Data transmission speed	10/100MBPS
	Access method	CSMA/CD
	Communication type	Half-Duplex, Full-Duplex
	Number of ports	1 (10 BASE-T)/100 BASE-TX)
Wireless LAN unit	Transmission format	IEEE802.11a compliant, OFDM(Orthogonal Frequency Division Multiplexing)
	Channel	9ch (36,40,44,48,149,153,157,161,165)
	Data transmission speed	54, 48, 36, 24, 18, 12, 9, 6 Mbps (fixed/auto)
	Access method	CSMA/CA + ACK(RTS/CTS)
	Wireless category	ISMBaud(5.150 - 5.250GHz, 5.725 - 5.825GHz)
	Aerial power	10mW/MHz or less
Unit type		access point, station
External dimension(mm)		150[mm] (W) x 150[mm] (D) x 45[mm] (H) Refer figure 2-1 for external view.
DC supply voltage(Input)		5VDC ±5% , 0.9A (Max)
RF Connector		N - J
Operating Temperature		0 - 50℃
Operating Humidity		10 - 90%RH (No condensation)
Storage Temperature		-10 - 70℃

Fig. 2-1 Mechanical Specification



Note.

1. All Dimensions In mm
2. Color:Munsell N9.0 White

3.Precautions

- FCC WARNING
  Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- In according with 47 CFR Part15.407 (e) U-NII devices operating in 5.15-5.25GHz frequency bands are restricted to indoor operations only.
- This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.
- This equipment complies with FCC radiation exposure limits set forth for uncontrolled equipment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65. This equipment should be installed and operated with at least 20cm and more between the radiator and person's body (excluding extremities: hands, wrists, feet and ankles).
- LAN cable with ferrite core must be used for RF interference suppression.