



ADN

ADN-W AM

FEATURES

- Reliable wireless operation in the 2.4 GHz and 5 GHz frequency bands
- Omnidirectional diversity antennas
- 30 m (100 ft) coverage radius
- Powered via ADN bus or NT 12-50C DC power supply
- Rugged metal housing
- Unobtrusive design and color for smooth room integration
- Several mounting options: ceiling, wall, tripod, table



The ADN-W AM antenna module is designed to ensure reliable wireless bidirectional communication with the ADN-W D1 and C1 wireless conference units in both the 2.4 GHz and the 5 GHz frequency band. The antenna module easily connects to the ADN CU1 central unit via the ADN bus cable.

The ADN-W AM features a built-in 5/8" mounting thread (with a 3/8" thread insert) that allows easy mounting on walls or ceilings.

ARCHITECT'S SPECIFICATION

An antenna module designed to ensure reliable wireless bidirectional communication with the ADN-W D1 and ADN-W C1 wireless conference units. The antenna module shall operate in both the 2.4 GHz and the 5 GHz frequency band. Connection of the antenna module to the ADN CU1 central unit shall be via the ADN bus cable. The antenna module shall feature 3 omnidirectional rod antennas with a coverage area of 30 m (100 ft) radius.

RF output power shall be adjustable from 25 to 100 mW. The antenna module shall either be powered via the ADN bus (52.8 V) or operate on 12 to 15 V $\overline{=}$ supplied from the NT 12-50C power supply. Power consumption shall be 6 W. The antenna module shall have a built-in 5/8" mounting thread (with a 3/8" thread insert) for easy mounting on walls or ceilings.

The antenna module shall have a rugged metal housing; dimensions shall be 226 x 181 x 58 mm (8.9" x 7.13" x 2.28"). Weight shall be approximately 1,660 g (3.66 lbs). The operating temperature shall range from +5 °C to +45 °C (+41 °F to +113 °F) and the operating relative humidity shall be from 20 to 95 percent.

The antenna module shall be the Sennheiser ADN-W AM.

SPECIFICATIONS

Frequency range	2.4 / 5.1 to 5.9 GHz
RF output power	25 to 100 mW
Antennas	3 rod antennas (omnidirectional) with R-SMA connector
Power supply	12 to 15 V $\overline{=}$ or, alternatively, via ADN bus (52.8 V)
Power consumption	6 W
Mounting thread	5/8" and 3/8" insert
Dimensions (W x H x D)	226 x 181 x 58 mm (8.9" x 7.13" x 2.28")
Weight	approx. 1,660 g (3.66 lbs)
Operating temperature range	+5 °C to +45 °C (+41 °F to +113 °F)
Operating relative humidity	20 to 95 %

DELIVERY INCLUDES

- ADN-W antenna module
- SDC CBL RJ45-5 system cable (length: 5 m)
- Quick Guide
- Safety Guide

PRODUCT VARIANTS

ADN-W AM

Art. no. 504743

ADN-W AM US

Art. no. 505715



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ACCESSORIES

CAT 5 cables

SDC CBL RJ45-2,	2 m	Art. no. 009842
SDC CBL RJ45-3,	3 m	Art. no. 009843
SDC CBL RJ45-5,	5 m	Art. no. 009844
SDC CBL RJ45-10,	10 m	Art. no. 009845
SDC CBL RJ45-20,	20 m	Art. no. 009846
SDC CBL RJ45-50,	50 m	Art. no. 009847

DIMENSIONS

