

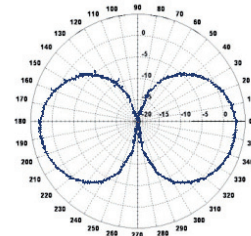
AT 71

UHF Omnidirectional Antenna

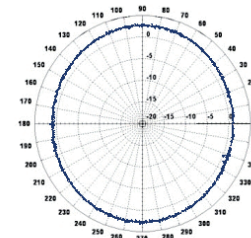
Order # 703.796



POLAR PATTERNS



Vertical



Horizontal

FEATURES

- Transmitting and receiving antenna
- 470 - 1000 MHz
- With integrated antenna amplifier
- Active and passive connector (TNC)

TECHNICAL SPECIFICATIONS

Frequency response	470 - 1000 MHz
Gain	2 - 4 dBi
Amplification	12 ±1 dB (RX connector), 0 dB (RX/TX connector)
Voltage standing wave ratio	≤ 2 : 1 (RX connector) ≤ 2 : 1 (RX/TX connector)
Power consumption	1120 mW (RX connector), 0 mW (RX/TX connector)
Connector	TNC female
Dimensions	120 x 261 x 32 mm
Weight	200 g
Thread	5/8", incl. 3/8" adapter

APPLICATIONS

The omnidirectional AT 71 is a transmitting and receiving antenna for indoor and outdoor applications.

The antenna operates in the UHF range between 470 and 1000 MHz and can be used with in-ear systems as well as the beyerdynamic Opus and Synexis series. The antenna is connected via a female TNC connector.

The AT 71 is provided with an integrated booster that has an amplification of 12 dB. The booster is to compensate coaxial cable signal loss so that antenna cable lengths of > 20 m can be realised. When the booster is operated, a red LED will illuminate. The booster is powered by the coaxial cable connected to a receiver or antenna distributor.

The AT 71 can be mounted on stands (3/8") or to a wall by using the MS-50 wall mounting kit.

For the diversity operation the use of two AT 71 antennas is recommended.

OPTIONAL ACCESSORY

MS-50 Wall mounting kit. Order # 707.732