

TECSUN

R A D I O S A U S T R A L I A

Tecsun Outdoor MW/SW End Fed Antenna (Item Q3070AU)

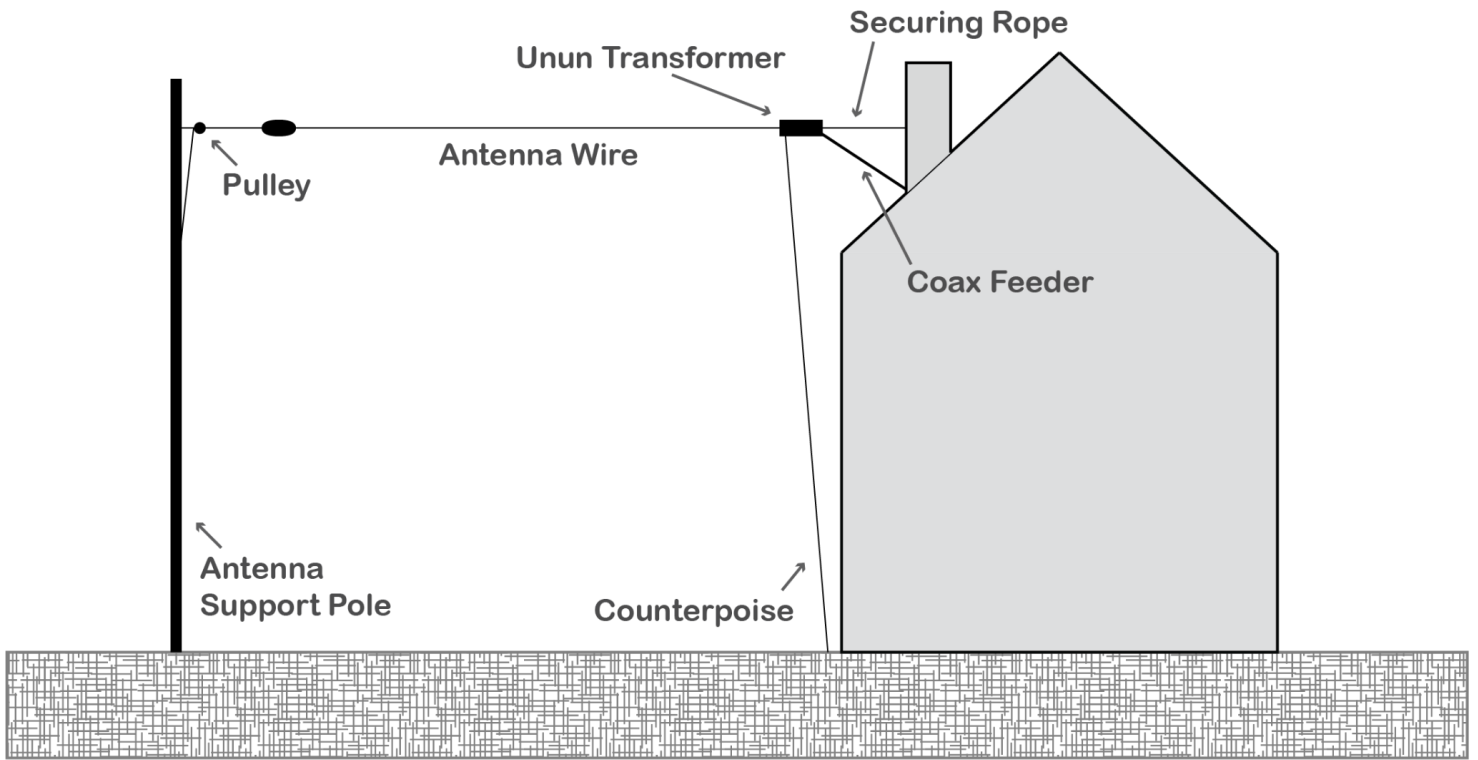
Product Description

The Tecsun Outdoor MW/SW Antenna significantly enhances reception of signals in the medium wave (AM) and shortwave antenna bands covering 0.5-30 Mhz. The Tecsun antenna is based on a longwire antenna design but provides significantly improved reception because it utilises a matching transformer that acts as a unun (unbalanced to unbalanced) with a ratio of 10:1. This provides an optimal match between the 500 Ω antenna and the 50 Ω input impedance of the external antenna input of many portable radios, greatly increasing the amount of signal provided to the receiver.

The antenna's coax feeder acts as a counterpoise for the antenna, therefore no connection to ground is necessary. However, the stainless steel eyelet which is connected to the balun is internally grounded, if reception is noisy this can be grounded to an external earth to form a counterpoise.

The RG174 50 ohm coaxial cable is terminated in an SMA male plug. We supply an SMA to 3.5mm mono adaptor that suits many portable shortwave receivers, including the following Tecsun models: **PL310ET, PL-330, PL 365/368, PL600660/680, PL-990x H501x and S-2000/2200x**. Note the S-2000/2200x, PL-330, PL-990x H-501x and PL-365/368 are the only Tecsun portables with a MW external antenna connection. For these models this antenna can be used to improve MW reception. We also supply both an SMA female to BNC male and BNC female to PL-259 adaptor to suit other receivers.

The antenna is directional, maximum signal pickup occurs 90 degrees from the direction in which the antenna is run. This antenna can be used indoors or outdoors and is completely waterproof. The coaxial cable feed can be disconnected from the antenna and longer, lower loss cable substituted if desired. Similarly, the antenna cable can be lengthened for additional performance.



Typical outdoor antenna configuration. Pulley and counterpoise are optional.

TECSUN
RADIO AUSTRALIA

24/9 Powells Road
Brookvale NSW 2100
Ph. 02 9939 4377