

TM Series Tripod Mounting Adaptor

The TM Series models are microwave horn tripod mounting systems which include a swivel head, antenna bracket and mounting cylinder. The mounting cylinder is an antenna adapter used on the tripod Model TP1000A. The swivel head is an adapter assembly which allows 90° rotation of the microwave horn antenna for horizontal and vertical electric field testing. The line of sight remains constant. The antenna bracket is designed for each type waveguide depending on the type of horn antenna used. Flexible and twistable waveguide must be used to allow for the 90° rotation (horizontal and vertical testing), except for TM1004. TM1004 must use an adapter (side launch type) for coax cable interface.

The waveguide type and microwave horn available is shown below:

MODEL	Waveguide Type	Horn Antenna
TM1000	WRD-750 D24	ATH7G18
TM1001	WR-42	ATH18G27, ATH18G27-1
TM1002	WR-28	ATH26G40, ATH26G40-1
TM1003	WRD-180 C24	ATH18G40
TM1004	WRD-250-D30	ATH2G8

