

WAVEGUIDE OMTS (Ortho-Mode Transducers) (Model # : AWO-42)



Description

- HIGH ISOLATION
- LOW VSWR AND INSERTION LOSS
- WIDE BANDWIDTH

Ortho-mode transducers, capable of separating horizontal and vertical polarized waves, are readily available in most waveguide sizes. These design feature low VSWR and insertion loss, high isolation and power handling capabilities. Square output openings are standard except where noted. Circular outputs, other than those shown in the data below, and special flanges can be supplied upon request.

Application

Radar and ECM or ECCM

Satellite and broadcasting

Specifications

PARAMETER	SPECIFICATIONS	
Frequency Range (Band width)	18/17/16% @ fo=22GHz	
VSWR	Max. 1.2:1/1.15:1/1.13:1	
	Vertical	Max. 1.2:1/1.15:1/1.13:1
	Horizontal	Max. 1.13:1/1.13:1/1.13:1
Isolation	45 dB min.	
Insertion Loss	0.2 ~ 0.4dB max.	
Material	AL (Yellow chromate plated)	

* The specification can be modified upon buyer's requests.

* All specifications are subject to change without notice.

* The latest specifications are available at www.actipass.com