

WAVEGUIDE SEPTUM POLARIZERS (Model # : AWSP SERIES)



Description

- LOW AXIAL RATIO
- HIGH ISOLATION
- LOW INSERTION LOSS
- LOW VSWR

Circular Polarizer represents a key element in realization of dual-polarization antennas (for telecommunication, radar and radio astronomy) and polarization measurement equipment.

The advantage of the septum polarizer is simplicity of structure, small sizes and high performance in 10~20% frequency bandwidth. Two configuration of septum polarizer are available from Actipass for fabrication in millimeter-decimeters waves.

- Very Compact Separate Septum Polarizer (with non-standard output waveguide ports or coax connectors)
- Septum Polarizers with Spatial Diversity of Standard Output Waveguide Ports.

Specifications

	Specifications (for centimeters waves)
Frequency Range	3 ~ 20 GHz (f ₀)
Frequency Band	10% @ f ₀
Return Loss	30 dB min.
Insertion Loss	0.2 dB max.
Isolation	30 dB min.
Axial Ratio	0.5 dB max.

* 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