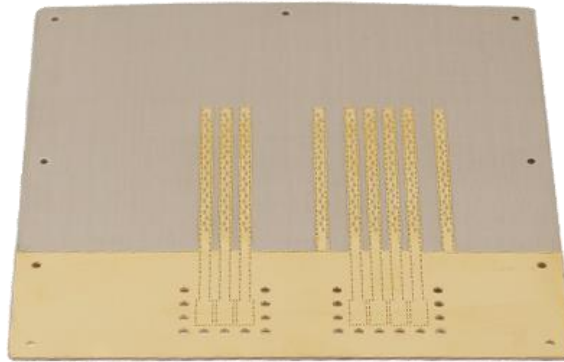


# SIW (Substrate Integrated Waveguide) Antenna

76 to 77 GHz

**withwave**  
Versatile RF & MW Test Solutions

*Withwave's SIW (Substrate Integrated Waveguide) Antenna* operates in the frequency range from 76 GHz to 77 GHz. The Gain is 17 dBi (typical) and HPBW is 66 deg. (E-plane) and 6 deg. (H-plane). We can design customized types according to customer's requirements.



## ■ Features

- Type : SIW
- Freq. range : 76 to 77 GHz
- Gain : 17 dBi (typical)

## ■ Specification

Scope	Specification	WAES-01
Electrical	Type	SIW (Substrate Integrated Antenna)
	Freq. range	76 to 77 GHz
	Gain (Typical)	17 dBi
	HPBW	66 deg. (E-plane) 6 deg. (H-plane)
Mechanical	Port	WR12
	Size (mm)	22 x 70 x 0.5