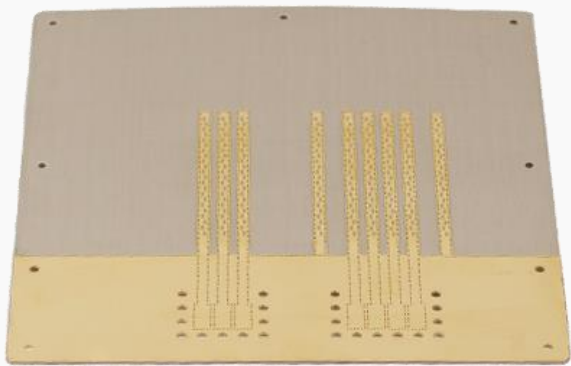


SIW (Substrate Integrated Waveguide) Antenna

76 to 77 GHz



Microwave Farm’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	MFWAES-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