

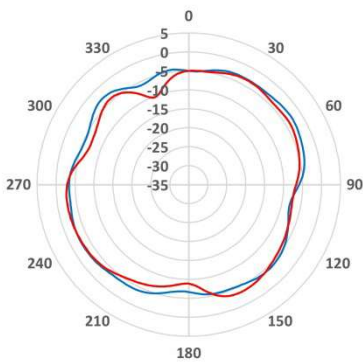
MS-A0-FP1-A
Small I-Bar Antenna
Wi-Fi 6

Electrical Specifications

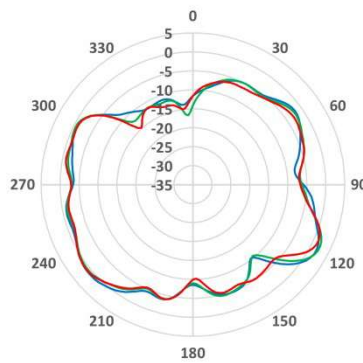
Antenna Characteristics

Frequency Range, MHz	2400-2500	5150-5825
VSWR	2.0 Max.	
Peak Gain, dBi	2.5 Typ.	3.5 Typ.
Efficiency, %	43	33
Polarization	Linear	
Impedance	50Ω	

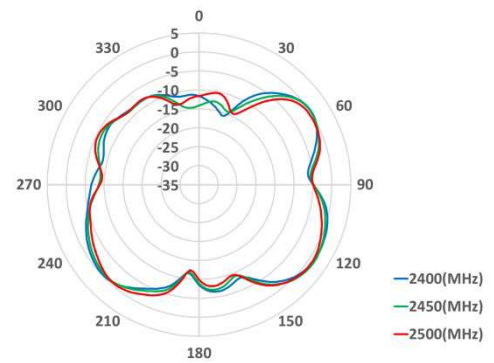
Antenna 2D Patterns



X-Z

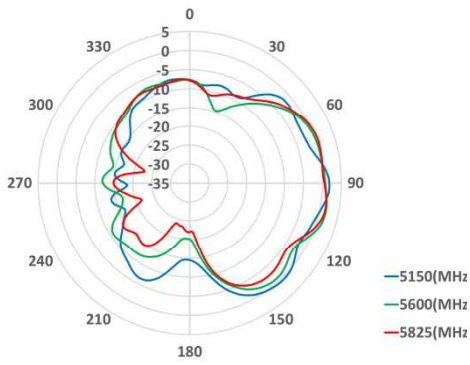


Y-Z

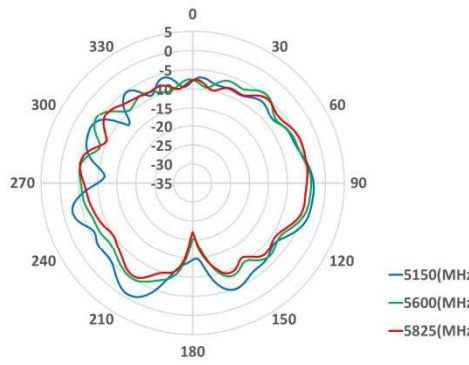


X-Y

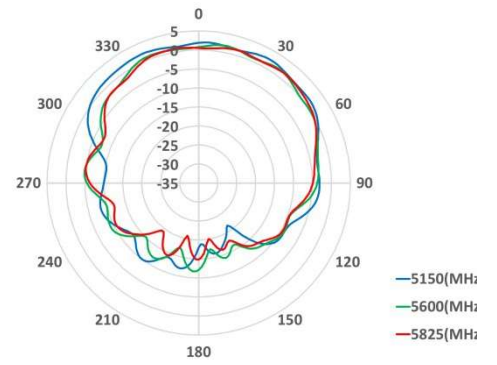
Antenna 2D Patterns



X-Z



Y-Z



X-Y

Mechanical Specifications

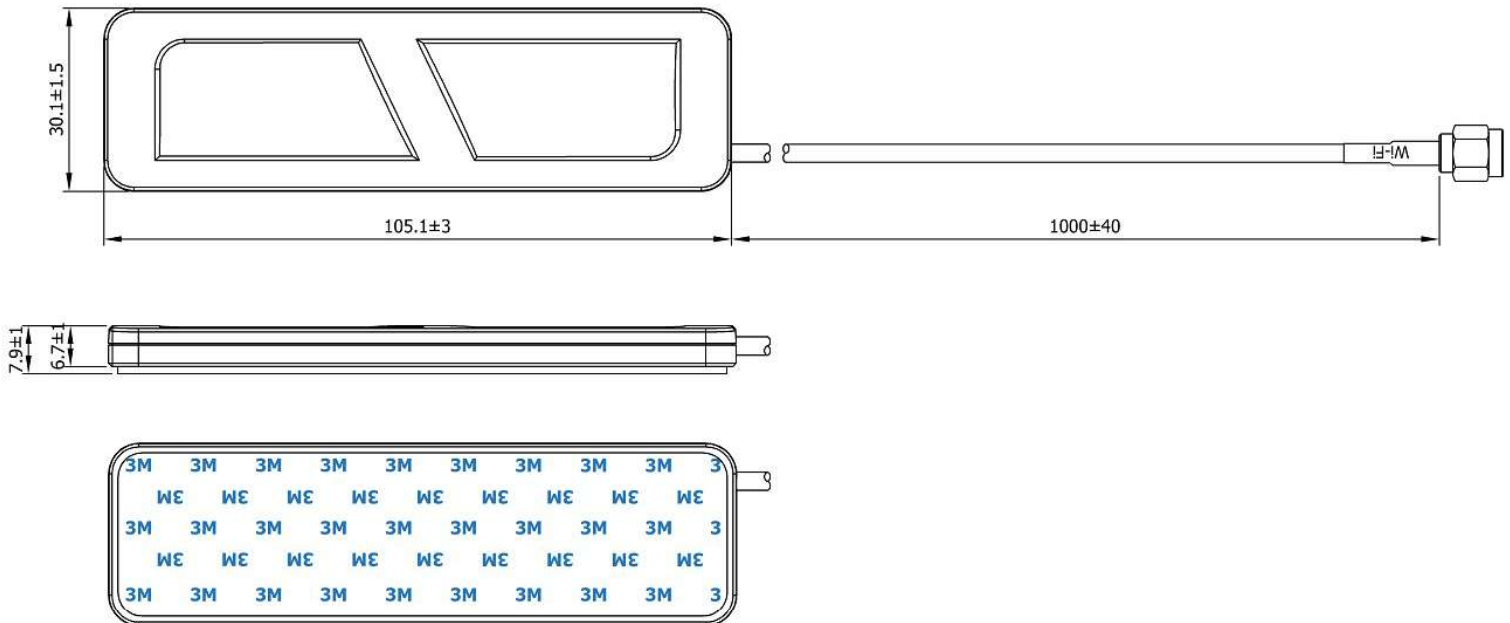
Environmental

Antenna Dimensions	(L)105.1×(W)30.1×(H)7.9 mm ³
weight	36g
Mounting Function	Adhesive Mount
Operating Temperature	-40~ + 85°C
Housing Material & Color	PC & Black / White
Cable	RG-174
Connector	SMA / FAKRA or your specification
Waterproof	IPX7

Reliability Test

Cold Temperature	-40°C,72Hr
High Temperature	+85°C,72Hr
Composite Temperature/Humidity Cycling	-40~+85°C,95%RH,1 Cycle(8Hr),48Hr
Thermal Shock	-40°C /30min → 5 min → +85°C /30min,48Hr

Mechanical Drawing



Unit : mm