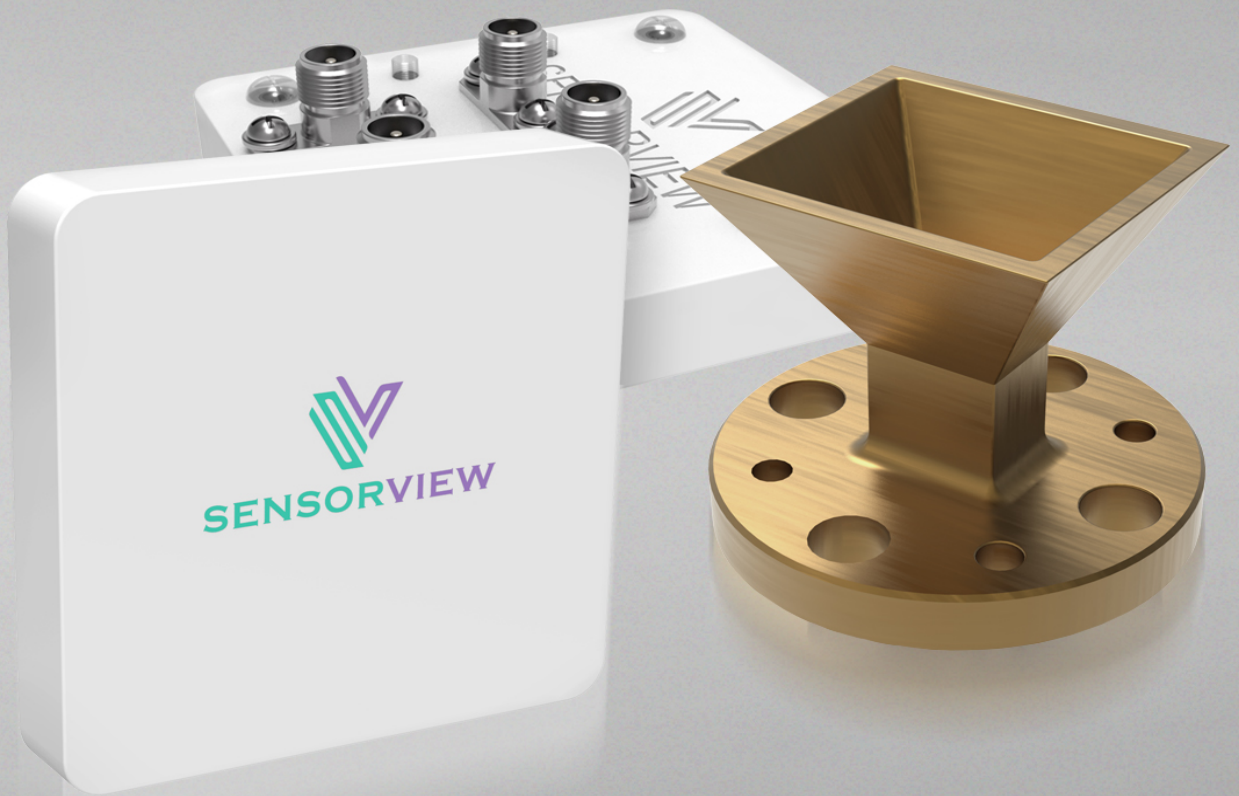


High-end mmWave antenna

GAIN+

High gain performance with compact size



Higher
gain

compact
size

Light-
weight

Stable
performance

 **SENSORVIEW**

0001

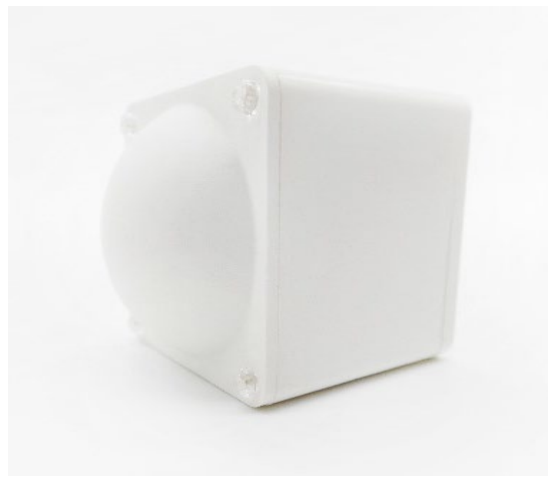
- High gain antenna in indoor solution
- Customization available

Specification

Electrical

Frequency range [GHz]		27.5 ~ 28.5
Polarization		Linear
Band width [GHz]		1.0
Gain [dBi] (Min.)		18.0
HPBW [°] (Typ.)	Vertical	15
	Horizontal	15
VSWR (Max.)		2.0:1
Impedance [Ω]		50

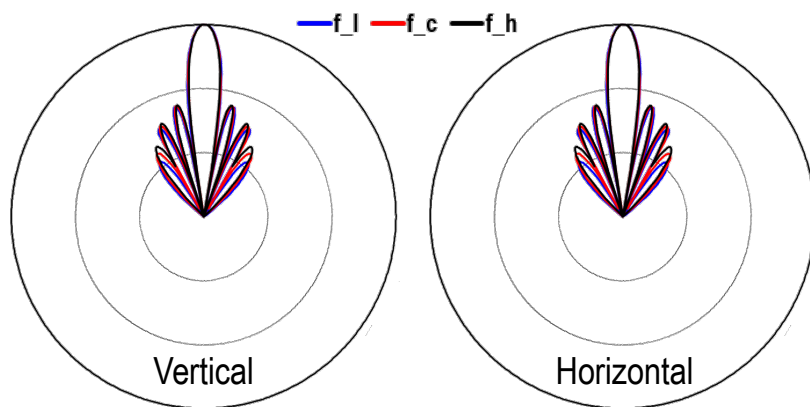
Model



Mechanical

Dimension (WxDxH) [mm]	55 x 55 x 45
Weight [g]	80
Connector type & No.	2.92 mm (f) x 1
Radome material & color	PC / White
Temperature [°C]	-40 ~ 70

Pattern



0002

- High gain antenna in indoor solution
- Customization available

Specification

Electrical

Frequency range [GHz]		27.5 ~ 28.5
Polarization		Linear
Band width [GHz]		1.0
Gain [dBi] (Min.)		20.0
HPBW [°] (Typ.)	Vertical	12
	Horizontal	12
VSWR (Max.)		2.0:1
Impedance [Ω]		50

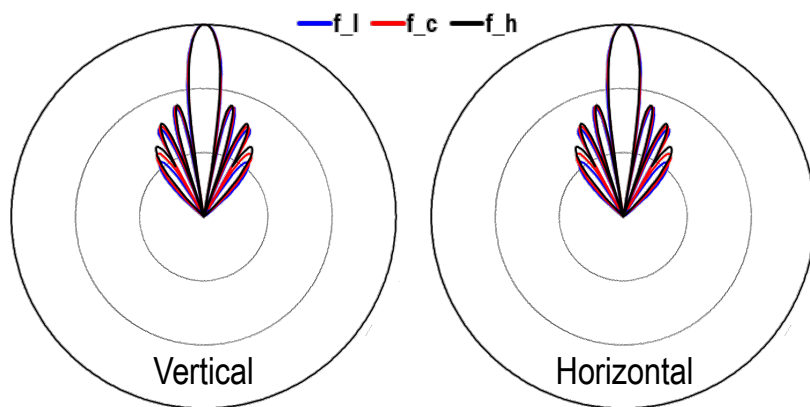
Model



Mechanical

Dimension (WxDxH) [mm]	55 x 55 x 75
Weight [g]	95
Connector type & No.	2.92 mm (f) x 1
Radome material & color	PC / White
Temperature [°C]	-40 ~ 70

Pattern



0003-01

- Antenna for indoor solution
- Customization available

Specification

Electrical		
Frequency range [GHz]		27.5 ~ 28.5
Polarization		Linear
Band width [GHz]		1.0
Gain [dBi] (Min.)		12.0
HPBW [°] (Typ.)	Vertical	23
	Horizontal	23
VSWR (Max.)		2.0:1
Impedance [Ω]		50

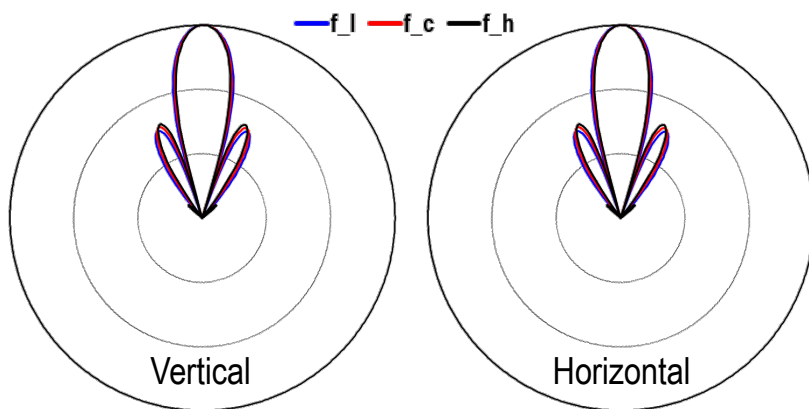
Model



Mechanical

Dimension (WxDxH) [mm]		45 x 45 x 10
Weight [g]		20
Connector type & No.		2.92 mm (f) x 1
Radome material & color		PC / White
Temperature [°C]		-40 ~ 70

Pattern



0004-01

- Antenna for indoor solution
- Customization available
- MIMO support

Specification

Electrical

Frequency range [GHz]		27.5 ~ 28.5
Polarization		Linear
Band width [GHz]		1.0
Gain [dBi] (Min.)		11.0
HPBW [°] (Typ.)	Vertical	31
	Horizontal	37
VSWR (Max.)		2.0:1
Impedance [Ω]		50

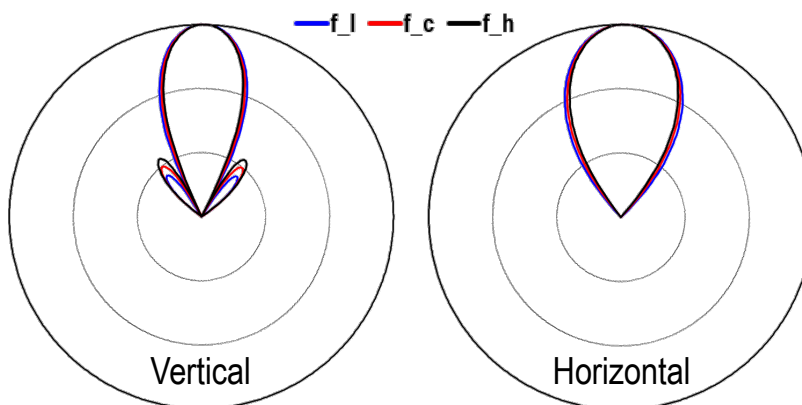
Model



Mechanical

Dimension (WxDxH) [mm]	55 x 55 x 10
Weight [g]	25
Connector type & No.	2.92 mm (f) x 4
Radome material & color	PC / White
Temperature [°C]	-40 ~ 70

Pattern



0006

- High gain antenna in indoor solution
- Customization available

Specification

Electrical

Frequency range [GHz]		27.5 ~ 28.5
Polarization		Linear
Band width [GHz]		1.0
Gain [dBi] (Min.)		15.0
HPBW [°] (Typ.)	Vertical	15
	Horizontal	20
VSWR (Max.)		2.0:1
Impedance [Ω]		50

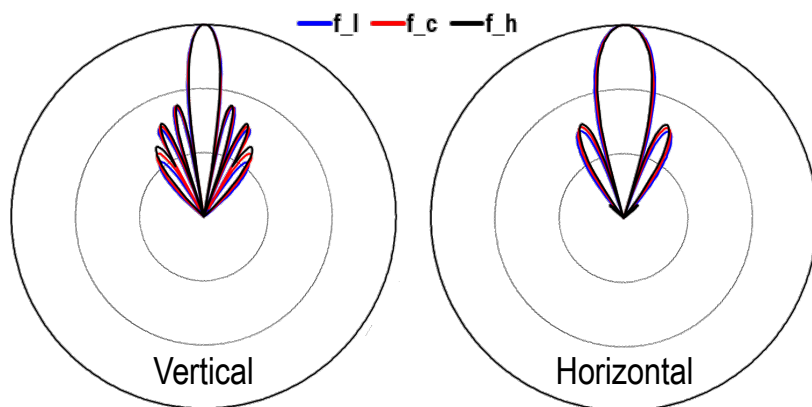
Model



Mechanical

Dimension (WxDxH) [mm]	44 x 44 x 44
Weight [g]	60
Connector type & No.	SMP x 1
Radome material & color	PC / White or Gray
Temperature [°C]	-40 ~ 70

Pattern



0008-01

- Circularly polarized antenna
- Verification antenna for AUT in test & measurement

Specification

Electrical

Frequency range [GHz]		26.5 ~ 29.5
Polarization		Circular
Band width [GHz]		3.0
Gain [dBi] (<i>Typ.</i>)		15.0
HPBW [°] (<i>Typ.</i>)	Vertical	23
	Horizontal	23
Axial ratio [dB] (<i>Max.</i>)		3.0
VSWR (<i>Max.</i>)		2.0:1
Impedance [Ω]		50

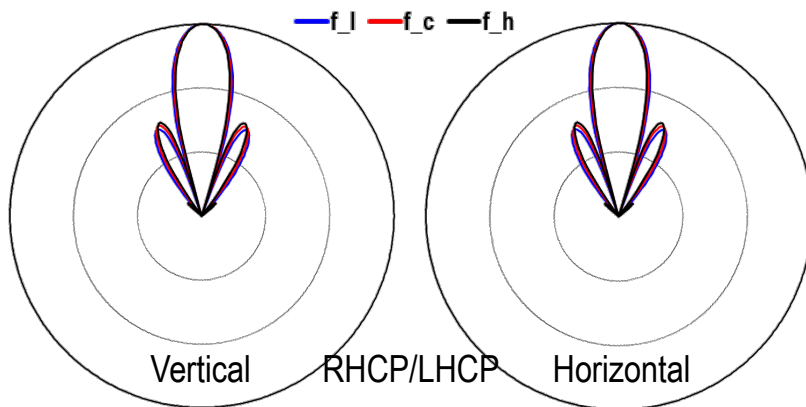
Mechanical

Dimension (WxDxH) [mm]	35 x 35 x 42
Weight [g]	30
Connector type & No.	2.92 mm (f) x 1
Radome material & color	PC / White
Temperature [°C]	-40 ~ 70

Model



Pattern



0010

- Narrow beam antenna
- Antenna for test & measurement

Specification

Electrical		
Frequency range [GHz]		26.5 ~ 29.5
Polarization		Linear
Band width [GHz]		3.0
Gain [dBi] (<i>Typ.</i>)		21.0
HPBW [°] (<i>Typ.</i>)	Vertical	8
	Horizontal	8
VSWR (<i>Max.</i>)		2.0:1
Impedance [Ω]		50

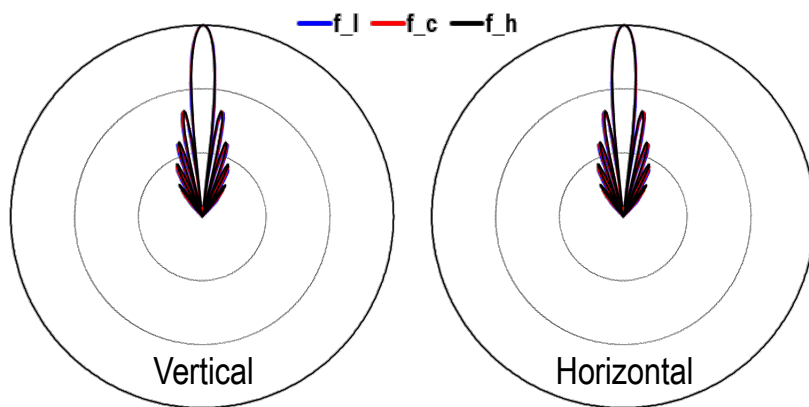
Model



Mechanical

Dimension (WxDxH) [mm]		90 x 90 x 10
Weight [g]		70
Connector type & No.		2.92 mm (f) x 1
Radome material & color		PC / White
Temperature [°C]		-40 ~ 70

Pattern



0010A

- Narrow beam antenna
- Antenna for test & measurement

Specification

Electrical		
Frequency range [GHz]		26.5 ~ 29.5
Polarization		Linear
Band width [GHz]		3.0
Gain [dBi] (Min.)		14.0
HPBW [°] (Typ.)	Vertical	20
	Horizontal	23
VSWR (Max.)		2.0:1
Impedance [Ω]		50

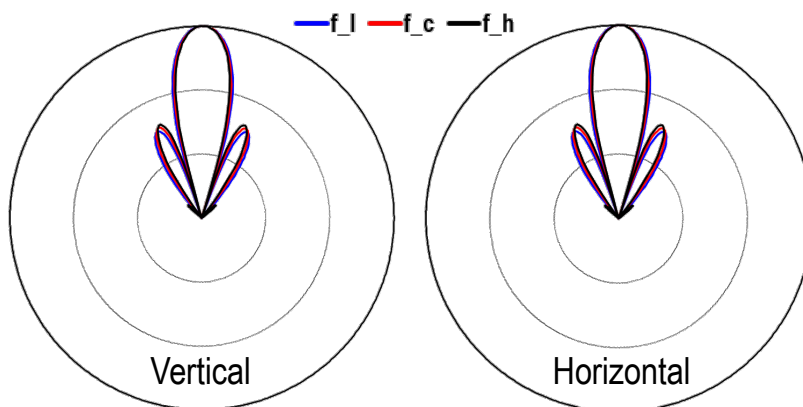
Model



Mechanical

Dimension (WxDxH) [mm]		34 x 34 x 10
Weight [g]		20
Connector type & No.		2.92 mm (f) x 1
Radome material & color		PC / White
Temperature [°C]		-40 ~ 70

Pattern



0010B

- Ultra band antenna
- Antenna for test & measurement

Specification

Electrical

Frequency range [GHz]		24.0 ~ 29.5
Polarization		Linear
Band width [GHz]		5.5
Gain [dBi] (<i>Typ.</i>)		9.0
HPBW [°] (<i>Typ.</i>)	Vertical	47
	Horizontal	47
VSWR (<i>Max.</i>)		2.0:1
Impedance [Ω]		50

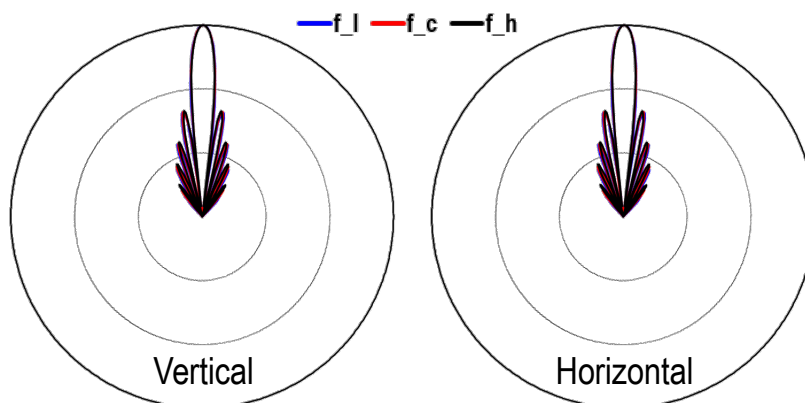
Model



Mechanical

Dimension (WxDxH) [mm]	22 x 22 x 10
Weight [g]	15
Connector type & No.	2.92 mm (f) x 1
Radome material & color	PC / White
Temperature [°C]	-40 ~ 70

Pattern



0011

- Sharp beam antenna
- Antenna for test & measurement

Specification

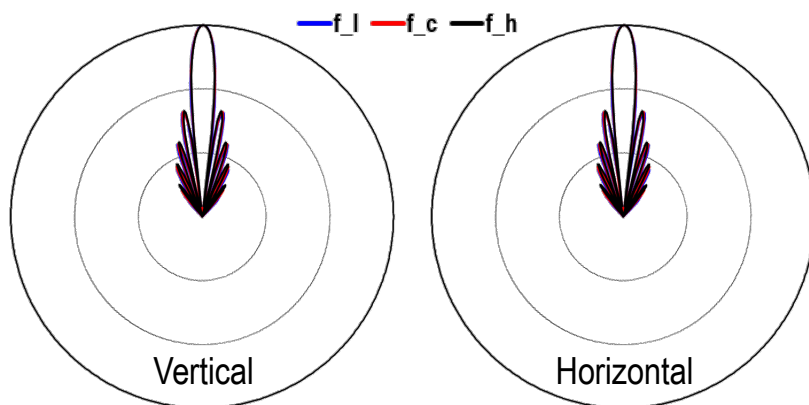
Electrical		
Frequency range [GHz]		26.5 ~ 29.5
Polarization		Linear
Band width [GHz]		3.0
Gain [dBi] (<i>Typ.</i>)		23.0
HPBW [°] (<i>Typ.</i>)	Vertical	5.5
	Horizontal	5.5
VSWR (<i>Max.</i>)		2.0:1
Impedance [Ω]		50

Model



Mechanical	
Dimension (WxDxH) [mm]	120 x 120 x 15
Weight [g]	115
Connector type & No.	2.92 mm (f) x 1
Radome material & color	PC / White
Temperature [°C]	-40 ~ 70

Pattern



- Linearly polarized horn antenna
- Verification antenna for AUT in test & measurement
- WR15 port or additional WR15-to-1.85mm adapter available

Specification

Electrical		
Frequency range [GHz]		50.0 ~ 75.0
Polarization		Linear
Band width [GHz]		25.0
Gain [dBi] (<i>Typ.</i>)		15.0
HPBW [°] (<i>Typ.</i>)	Vertical	32
	Horizontal	25
VSWR (<i>Max.</i>)		1.5:1
Impedance [Ω]		Waveguide

Model



Mechanical	
Dimension (WxDxH) [mm]	15 x 13 x 14
Weight [g]	5
Flange type	WR15
Material	Aluminum
Temperature [°C]	-40 ~ 70

Pattern

