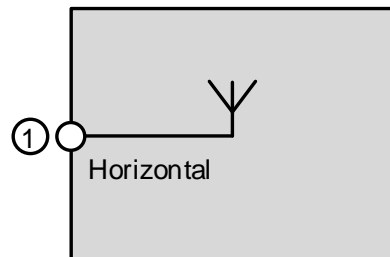


Thin H-Pol Omni Chip antenna, 350MHz-6000MHz



not binding



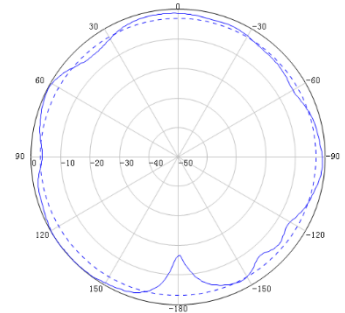
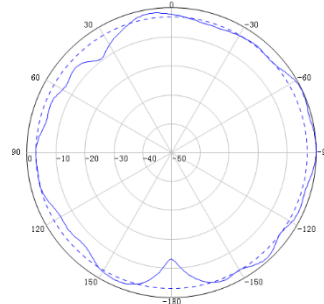
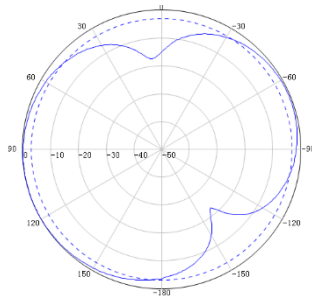
block diagram

Part number	BN A77684					
Connector	4.3-10 female (50 Ω)					
Frequency range, [MHz]	350-520	600-960	1350-1550	1690-2700	3300-4200	4900-6000
Gain, [dBi]	3.0±1.0	3.0±1.0	4.0±1.0	4.0±1.0	5.0±1.0	5.0±1.0
Polarization	Horizontal					
Beam width	Horizontal, [deg]		360			
	Vertical, [deg]	130	90	70	60	55
VSWR	≤2.0		≤1.8			
Intermodulation (IM3) @ 2x 20 W, [dBc]	/		≤-150			
Input power, [W]	max. 50					
Degree of protection	Indoor / IP54					
Weight, [kg]	0.47					
Radome Material and Color	ABS, White, RAL9003					
Temperature range, [°C]	-55 – +60					
Dimensions, [mm]	Ø290 x 10					
Operational Humidity	<95%					
RoHS	Compliant					
Flammability rating	UL 94-V0					
Mounting Kit	Ceiling ¹⁾ , via hole(standard)					
Fire load, [kWh]	1.31					

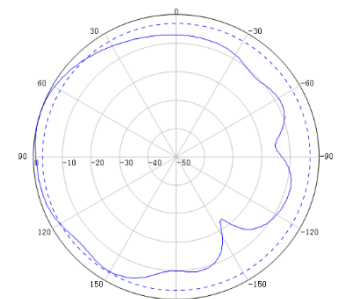
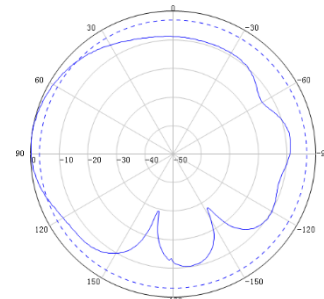
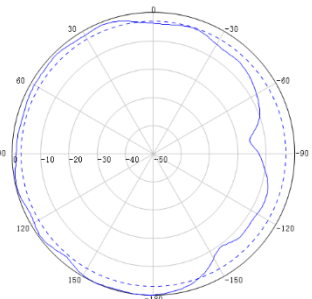
¹⁾ The installation of Thin Chip antennas is not recommended for metal ceilings.

Radiation pattern:

Horizontal pattern



Vertical pattern

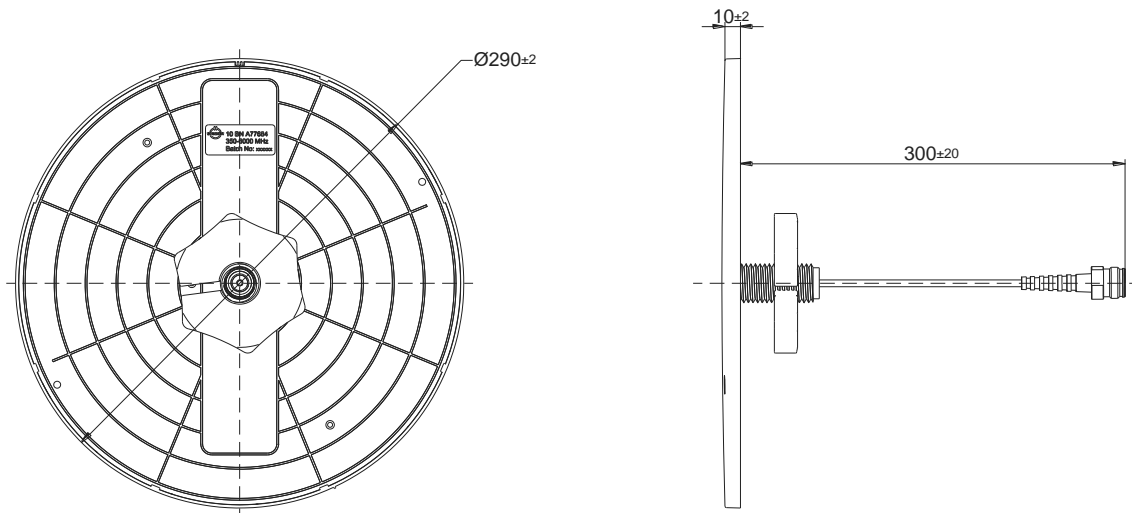


800MHz

2170MHz

2500MHz

Dimensions and mounting:



Standard:
4.3-10 female (50 ohms): IEC 61169-54

Subject to change without notice