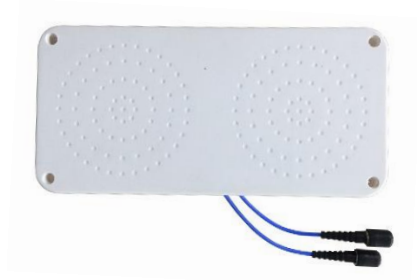
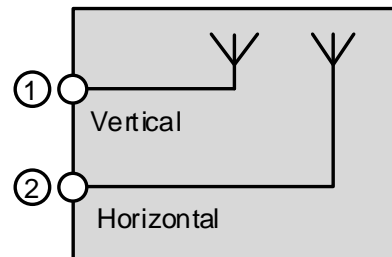


# MIMO VH-Pol Omni Square Antenna, 694MHz-3800MHz



not binding

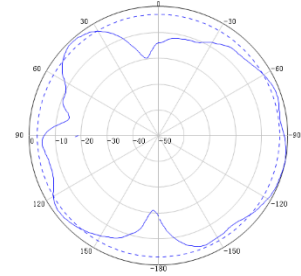
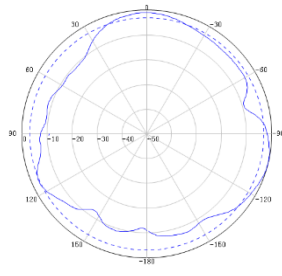
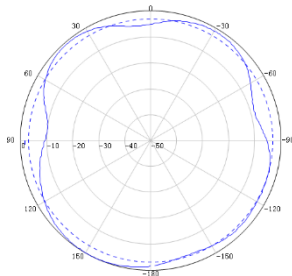


block diagram

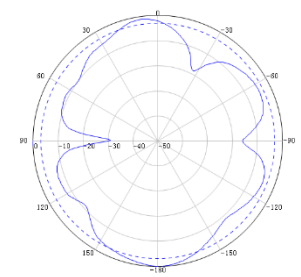
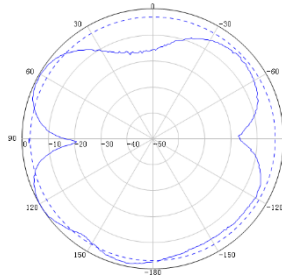
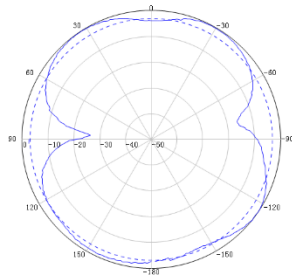
Part number	20A77148			
Connector	2 x 4.3-10 female (50 Ω)			
Frequency range, [MHz]	694-960	1427-1710	1710-2700	3400-3800
Gain, [dBi]	2.5±1.0	4.0±1.0	4.5±1.0	5.0±1.0
Polarization	Vertical and Horizontal			
Beam width, [deg] Horizontal	360			
Isolation, [dB]	≥16	≥25	≥25	≥25
VSWR	≤1.8			
Intermodulation (IM3) @ 2x 20 W, [dBc]	≤-153			
Input power, [W]	max. 50			
Degree of protection	Indoor / IP54			
Weight, without Mounting Kit, [kg]	0.4			
Radome Material and Color	ABS, White, RAL9003			
Temperature range, [°C]	-55 – +60			
Dimensions H x W x D,[mm]	290 x 140 x 14			
Operational Humidity	<95%			
RoHS	Compliant			
Flammability rating	UL 94-V0			
Mounting Kit	Ceiling via hole (standard)			

**Radiation pattern:**

**Horizontal pattern**



**Vertical pattern**

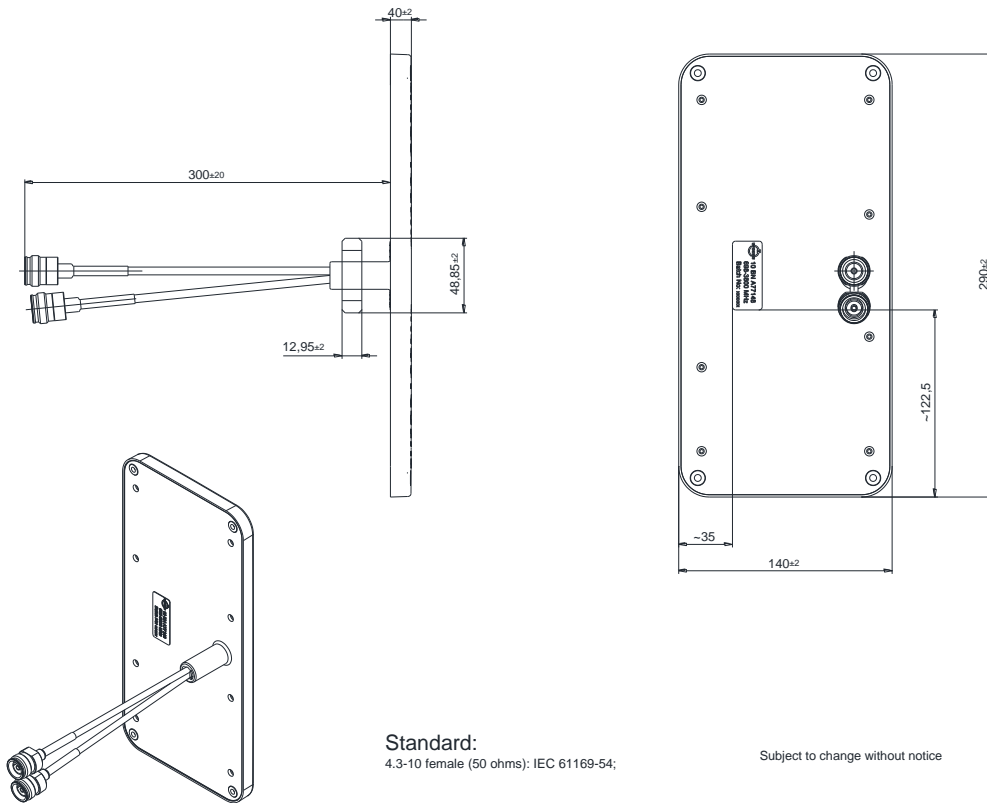


**800MHz**

**1710MHz**

**2500MHz**

**Dimensions and mounting:**



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

Subject to change without notice