

# **IRES-700US20-10**

## **Antenna Spec.**

**2015. 03. 04**

**Airpoint Co., Ltd**

## 1. Electrical Specification

### Electrical Specification

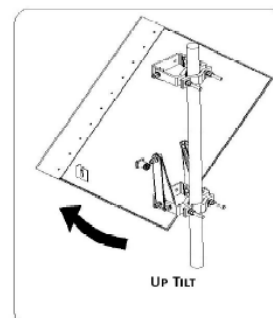
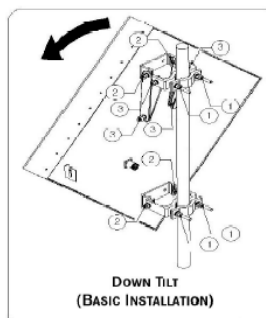
Frequency range	698~806MHz	824~894MHz
Polarization	Vertical	
Gain (normal)	15 dBi	16 dBi
Horizontal beam width	29°±3	26°±3
Vertical beam width	29°±3	26°±3
Front-to-back ratio	> 32 dB	
VSWR	1.5 : 1	
Side Lobe (dB)	> 22dB	> 25dB
Impedance	50 Ω	
IMD(2*20W)	-150dBc	
Power Handling	100 W	



## 2. Mechanical Specifications

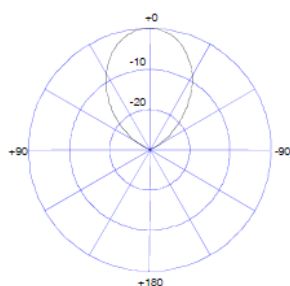
### Mechanical Specifications

Dimension(LxWxH)	700 x 700*135 mm
Weight(exd. Brackets)	9 kg
Connector	N type-Female
Wind load	60 m/sec
Mounting	Wall or Pole
Radome(color)	FRP
Mechanical Downtilt	up/down , left/right 20degree

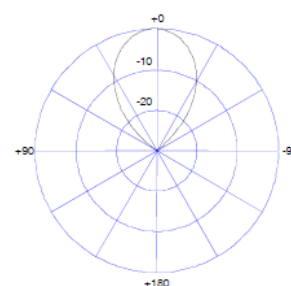


## 3. Beam Pattern

### Radiation Pattern



Horizontal Pattern



Vertical Pattern