

# MW15943T MIMO Wall Mount Antenna

Model: DX-6996/6996/1727/1727-70/70-6/7-QK/38-20/153-1.5-W



## Features and Product Description

- Wideband, support 2G/3G/4G
- High Gain
- RoHS Compliant
- Low PIM
- High reliability

## Electrical Specifications

Port	Port1		Port2	
Frequency range (MHz)	698 - 960	1710 - 2700	698 - 960	1710 - 2700
Polarization	$\pm 45^\circ$		$\pm 45^\circ$	
VSWR	$\leq 1.5$		$\leq 1.5$	
Gain (dBi)	Approx. 7	Approx. 8	Approx. 7	Approx. 8
Horizontal half-power beam width (°)	70 $\pm$ 15		70 $\pm$ 15	
Vertical half-power beam width (°)	80 (698 - 800 MHz) 70 (800 - 960 MHz)	60	80 (698 - 800 MHz) 70 (800 - 960 MHz)	60
Front to Back Ratio (dB)	$\geq 15$		$\geq 15$	
Isolation (dB)	$\geq 20$		$\geq 20$	
PIM, 3rd Order (dBc)	$\leq -153$ (2 x 43 dBm carrier)			
Average power, maximum (W)	$\geq 50$			
Impedance ( $\Omega$ )	50			
Grounding	DC Ground			

## Mechanical Specifications

Dimensions (H x W x D) (mm)	320*210*75
Packing dimensions (H x W x D) (mm)	400*240*90
Net weight(with installation kit) (kg)	$\leq 1.1$
Packing weight (kg)	$\leq 1.4$
Radome material	UV ABS
Application	Indoor
Operating temperature (°C)	-30 to +45
Connector	2 x 4.3-10 Female



## Installation Steps

1. Screw the antenna with installation board to the installation board on the wall.
2. Connect the cable to the antenna connector and tighten it.

