

### Highlights

- Full band coverage
- Dual polarization  $\pm 45^\circ$  in the whole bands from 698–2700MHz
- Lower return loss and stable performance
- PIM less than  $-150\text{dBc}$  @ 20W
- Compact design, light weight and easy installation
- Lifetime warranty



### ELECTRICAL SPECIFICATIONS

Models	IP727X67-70A20					
Frequency	698–806MHz		806–960MHz		1710–2700MHz	
Intermodulation	$\leq -150\text{dBc}$ (IMD3 with $2 \times 20\text{W}$ )					
Gain	6.5dBi		7dBi		7.5dBi	
Polarization	$\pm 45^\circ$					
Beamwidth	H: $78^\circ$ E: $68^\circ$		H: $73^\circ$ E: $60^\circ$		H: $73^\circ$ E: $65^\circ$	
VSWR	$\leq 2.0$				$\leq 1.5$	
F/B Ratio	$\geq 15\text{dB}$		$\geq 15\text{dB}$		$\geq 25\text{dB}$	
Isolation	$> 20\text{dB}$				$> 23\text{dB}$	
Impedance	$50\Omega$					
Power Handling	50w					
Lighting Protection	DC Ground					

### MECHANICAL SPECIFICATIONS

Color	White
Operating Temperature	$-55^\circ\text{C}$ to $+60^\circ\text{C}$   $-67^\circ\text{F}$ to $+140^\circ\text{F}$
Connectors	N-Female $\times 2$
Reflector Material	Copper
Radome Material	ABS
Weight	0.7Kg   1.54lb
Dimensions	305*186*63mm   12*7.32*2.48in

### Radiation Pattern

