

## DB-698/2700S-9-65

### X-Pol MIMO Directional Panel Antenna



## Electrical Specifications

Frequency: 698-864MHz ; 870-960MHz ; 1710-1880MHz ;  
1920-2170MHz ; 2200-2500MHz ; 2490-2700MHz

Gain: 6.5dBi ; 7.0dBi ; 8.5dBi ; 9.0dBi ; 8.0dBi ; 7.5dBi

VSWR:  $\leq 2.0$  ;  $\leq 1.5$

Polarization:  $\pm 45^\circ$

Input Impedance:  $50\Omega$

Isolation: 23dB

PIM3:  $\leq -140@2x33dBm/\leq -140@2x43dBm$

Horizontal Beamwidth:  $78^\circ$  ;  $73^\circ$  ;  $65^\circ$  ;  $60^\circ$

Vertical Beamwidth:  $70^\circ$  ;  $55/65^\circ$  ;  $75/55^\circ$

Max Power: 100W ; 50W

Lightning Protection: DC Ground

## Mechanical Specifications

Connector: 2x N-Female

Dimensions: 215mm x 200mm x 73mm

Shipping Dimensions: 435mm x 210mm x 85mm

Shipping Weight: 1.0

Weight: 0.7kg

Reflector Material: Aluminium

Radome Material: ABS

Radome Color: White

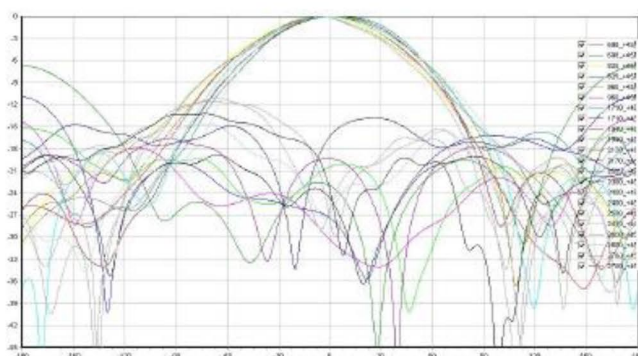
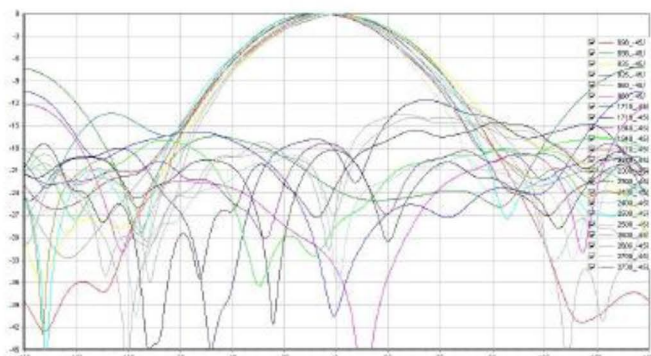
Radiation Material: Brass and PCB

Operating Temperature:  $-40^\circ\text{C}$  to  $+65^\circ\text{C}$

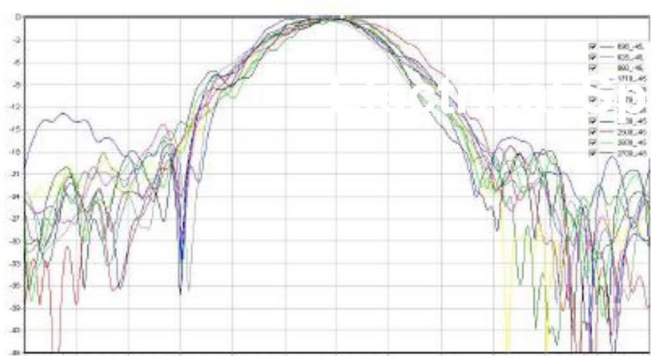
Environmental Class: Indoor

Mounting: Wall Mount with Black 2-Hole

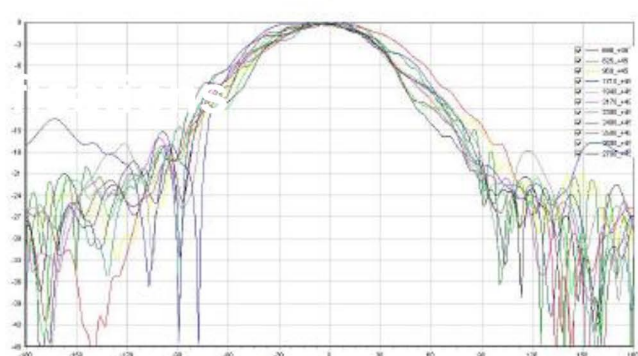
**Co/X-pol  
Horizontal  
pattern**



**Vertical  
pattern**



**+ 45deg Port**



**-45deg Port**