

ULPX302.3F3-C

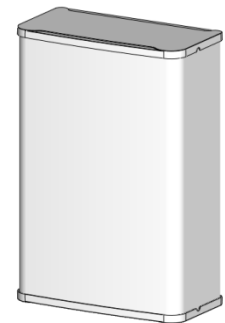
XX Pol Panel Antenna 698-960/1710-2690MHz 65°/65° 10/13.5dBi 3°/3° FET

Electrical Specifications

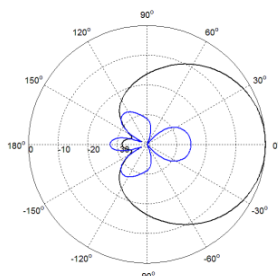
Frequency Range (MHz):	698-960			1710-2690		
	698-806	806-880	880-960	1695-2170	2300-2490	2490-2690
Gain (dBi):	9.2±0.5	9.5±0.5	10.0±0.5	12.3±0.5	12.8±0.5	13.2±0.5
Return Loss (dB):	>14 (VSWR<1.5)					
Polarization:	±45°					
Horizontal 3dB beamwidth (°):	72	69	65	68	63	58
Vertical 3dB beamwidth (°):	38	35	32	21.5	18.5	16.5
Electrical Downtilt (°):	3 Fixed					
1 st Upper Sidelobe Suppression(dB):	12	12	12	13	13	13
Front to Back Ratio @180±30°(dB):	20	21	22	23	23	24
Cross Polar Ratio 0° (dB):	15					
Isolation Port to Port (dB):	>23					
Power Rating (W):	200			150		
Intermodulation IM3 (dBc):	<-153 (2×43 dBm)					
Impedance (ohm):	50					
Lightning Protection:	DC Grounded					
Connector Type:	4×4.3-10 Female					

Mechanical Data

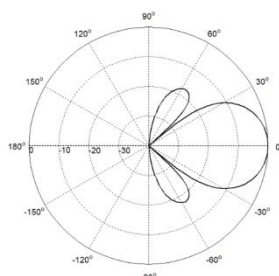
Antenna Dimensions (mm):	500×339×169
Packing Dimensions (mm):	725×420×320
Antenna Net Weight/Bracket(kg):	8.5/2.6
Antenna Gross Weight (kg):	13
Radome Material:	Fiberglass
Pipe OD (mm):	60-100
Mounting Kits (Included):	BA.K.04.00052RA2 horizontal adjustable -35°~+35°, vertical adjustable-45°~+45°

**Environmental Ratings**

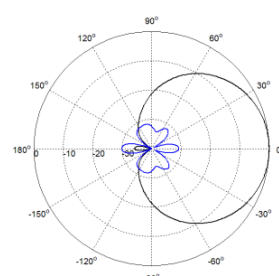
Humidity:	95%RH@+30℃
Temperature (℃):	-40~+70
Wind Load @150 km/h (N):	Frontal/Lateral/Rearside: 205/69/250
Max.Wind velocity(km/h):	200

Typical Patterns

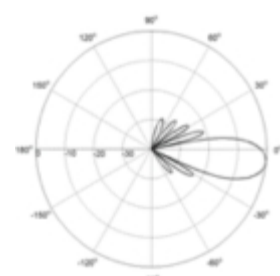
Azimuth(Low Band)



Elevation(Low Band)



Azimuth(High Band)



Elevation(High Band)

ULPX302.3F3-C**Correlation Table**

Frequency range	Array	Connector
698–960 MHz	R1	1-2
1710–2690 MHz	Y1	3-4

