

MBMF-X-65-13T2-EDA

Single-band antenna

1710-2700

Dual Polarization

 $\pm 45^\circ$

HPBW

65°

Electrical Properties

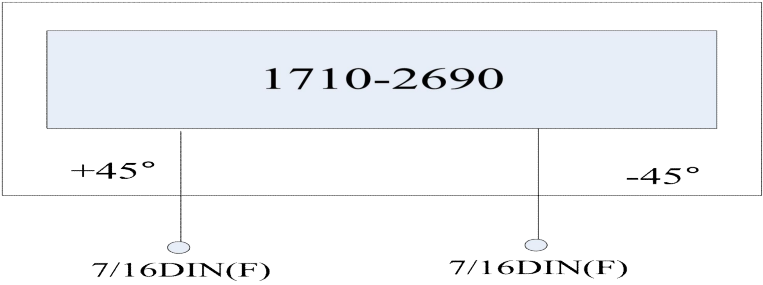
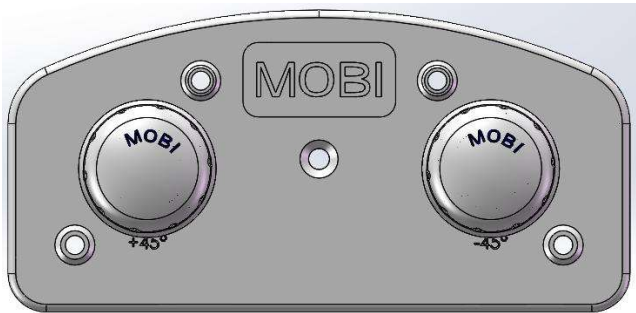
Frequency Range (MHz)	1710-2700
Polarization (°)	$\pm 45^\circ$
VSRW	≤ 1.5
Isolation (dB)	≥ 25
Gain (dBi)	13
Horizontal -3dB Beamwidth (°)	65 ± 5
Vertical -3dB Beamwidth (°)	16
Upper Side Lobe Suppression (dB)	15
Front to back Ratio, ± 30 (dB)	≥ 23
Cross-Polar Discrimination 0° (dB)	≥ 15
Cross-Polar Discrimination $\pm 60^\circ$ (dB)	≥ 8
Electrical Downtilt (°)	2
PIM3 (2x43 dBm carrier) (dBc)	/
Impedance (Ω)	50
Grounding	DC Ground
Max. Average Input Power per Port (W)	20

Mechanical Properties

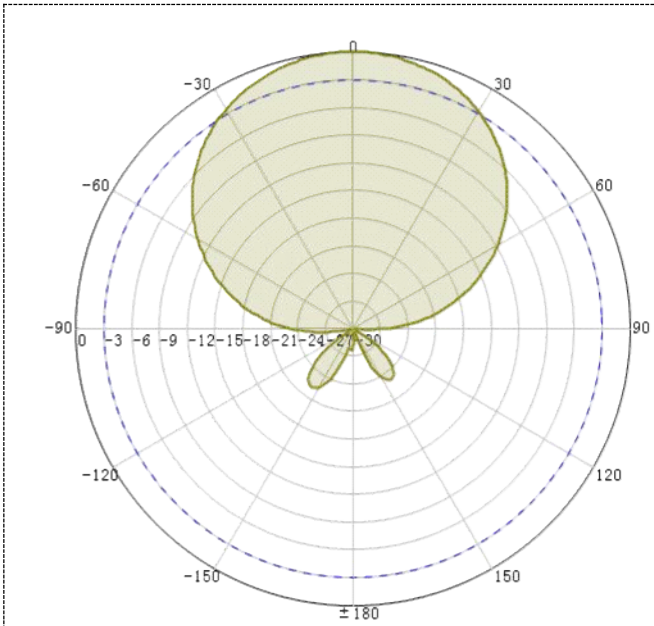
Radome Material	UPVC
Connector Type	7/16DIN (F) $\times 2$
Antenna Dimension (mm)	$600 \times 157 \times 73$
Packing Size (mm)	$710 \times 240 \times 195$
Antenna Weight (kg)	3.6
Mechanical Downtilt (o)	0-10
Bracket Diameter (mm)	50-114
Pole length (mm)	> 1200
Operating Temperature (°C)	-40+65
Wind Load (150 km/h)	Frontal/Lateral/Rear side
Maximum Wind Speed (km/h)	271/93/329N

MOBI

Power your Signal 



H-Pattern



V-Pattern

