

GT-CGXD90-17T0

Fixed Tilt Antenna

Horizontal Beamwidth 90°Dual Polarization Antenna

Electric Specifications	
Frequency Range	824MHz~960MHz
Gain	16.5dBi (14.5dBd)
Return Loss	> 15dB
Polarization	Dual Slant ($\pm 45^\circ$)
Horizontal Beamwidth	$90 \pm 5^\circ$
Vertical Beamwidth	$8 \pm 3^\circ$
Electric Downtilt	0°, 2° or 6°
Upper Sidelobe Level	> 15dB
Front to Back Ratio	> 25dB
Isolation Between Ports	> 30dB
Power Rating	500W
Intermodulation	< 150dBc (2 x 43dBm)
Impedance	50 ohm
Lighting Protection	DC grounded
Connector Type	7-16 DIN Female
Mechanical Specifications	
Antenna Dimensions	263× 2600 ×78 (mm)
Packed Dimensions	300× 2730 ×150 (mm)
Antenna Weight	16kg
Radome Material	UV Protect ASA Plastic
Mechanical Down Tilt	0° ~ 15°
Maximum Environmental Ratings	
Humidity	95% RH @ 30°C
Lateral Loading (Front)	1915N @ 216km/h
Lateral Loading (Rear)	557N @ 216km/h
Rain	140mm per hour
Rated Wind Velocity	60m/sec(216km/h)
Temperature	-40°C to + 70°C

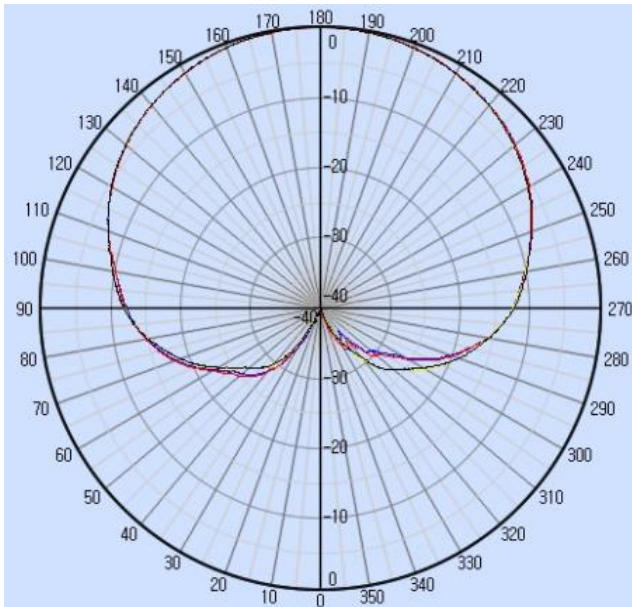
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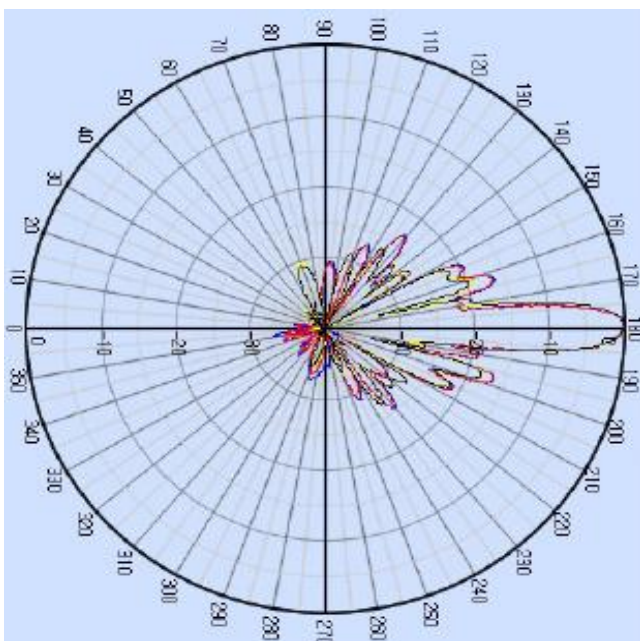
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RADIATION PATTERN

OUTWARD DRAWING



Horizontal Pattern



Vertical Pattern

