

ZTE中兴

ZXMBW Antenna Technical Specification

中兴通讯股份有限公司
Z T E C O R P O R A T I O N

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1 ZXMBW DUAL POLARIZATION 65°18dBi DIRECTIONAL ANTENNA

1.1 Dual Polarization 65°18dBi Directional Antenna Electrical Specifications

Item	Electrical Specifications
Frequency Range	2300~2700 MHz
Polarization	+45°, -45°
Gain	18±1 dBi
Horizontal Beam Width	65°±5°
Vertical Beam Width	6.5°±1°
Beam Tilt	2°
Front to Back Ratio	≥30 dB
VSWR	≤1.5
Isolation between Ports	≥28 dB
Input Maximum CW Power	300 W
Intermodulation	≤-107dBm
Input Connector	7/16 DIN – F
Lightning Protection	DC Grounded

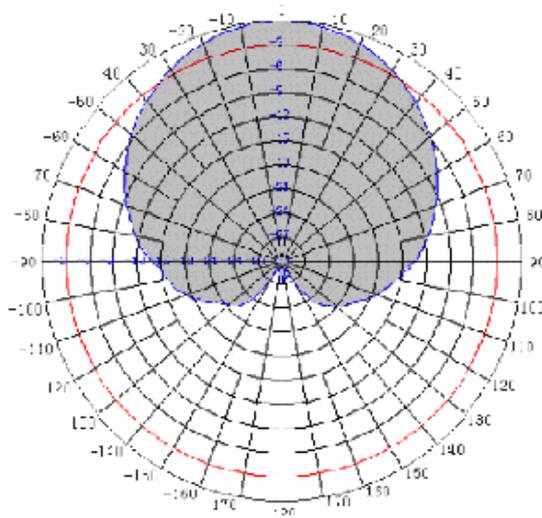
5 1.2 Dual Polarization 65°18dBi Directional Antenna Mechanical Specifications

Item	Mechanical Specifications
Antenna Dimensions	860x180x90 mm
Pocked Dimensions	1000x200x120 mm
Antenna Weight	5.0kg
Radome Material	Plastic or FRP
Install Position Adjustment	Vertical Plane 0~15°
Remote Electrical Downtilt	Optional, 0° – 10° continuously adjustable

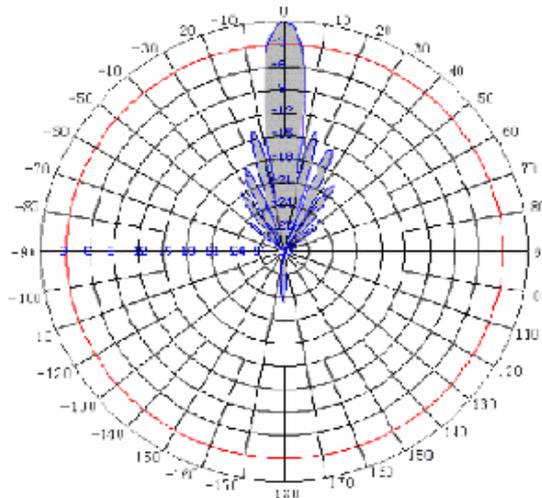
1.3 Dual Polarization 65°18dBi Directional Antenna Maximum Environmental Ratings

Item	Maximum Environmental Ratings
Humidity	95% RH @ +30°C
Temperature	-40°C to +70°C
Rated Wind Velocity	200 km/h
Wind Loading (MAX)	300 N @ 150 km/h

1.4 Dual Polarization 65°18dBi Directional Antenna Pattern



Horizontal Pattern



Vertical Pattern



Antenna Outline

