

XPol 698~960MHz 33° 20.3dBi 0°~8° Integrated RCU (Remote Control Unit) Antenna.

*Values calculated according to NGMN-P-BASTA requirements.

Electrical Specifications				
Frequency range(MHz)	698~960			
	698~803	790~862	824~894	880~960
Polarization	±45°			
Gain at mid tilt (dBi)	19.1	19.7	20.0	20.3
Gain over all tilts (dBi)	19.0±0.5	19.6±0.4	19.9±0.5	20.2±0.3
Horizontal 3dB beamwidth (°)	35±1.5	32.5±1.0	31.5±1.5	29±1.0
Vertical 3dB beamwidth (°)	8.5±0.8	8.2±0.7	7.9±0.5	7.6±0.4
Front-to-back ratio (dB)	>29	>29	>28	>28
Cross-polar ratio (dB)	>18(0°)	>18(0°)	>18(0°)	>18(0°)
Electrical downtilt (°)	0~8			
Sidelobe suppression (dB) (First sidelobe above main beam)	>18	>18	>18	>18
VSWR	≤1.5			
Isolation: intra-system (dB)	≥28			
Intermodulation IM3 (2×43dBm carrier)	≤-153dBc			
Impedance (Ω)	50			
Max. power per input (W) @50°C	500			
RET Model	TRCU-TM10P1V01(Integrated, Replaceable)			
RET Protocol	AISG 2.0 SRET			
Lightning protection	Dc Ground			

Mechanical Specifications	
Connector	2×4.3-10 Female
Connector position	Bottom
Height×width×depth (mm)	2580×550×198
Packing size (mm)	2855×615×250
Antenna weight (kg)	34.9
Installation kit weight (kg)	7.5
Packing weight (kg)	53
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	1150/195/1380
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~8
Operating temperature (°C)	-50~65
Mounting hardware (mm)	Φ50~Φ115

