

**Type SRD-TZ- 65-16/17/17R**
**820-880/1710-2170MHz/1710-2170MHz 65° 16/17/17dBi XXXpol 0°-10°/0°-10°/0°-10°**

Remote Tilt Repeater Panel Antenna			
Electrical Specification	Criteria		
Frequency Range(MHz)	Band 1 820-880	Band 2 & 3 1710-2170	
Polarization	±45°		
Gain	16dBi	17dBi	17dBi
RCU Interface	AISG Version2.0		
RCU Technology Type	External RCU		
Horizontal Pattern			
Horizontal Beamwidth	65	65	65
Front-to-Back Ratio	25	25	25
0°Cross Polarization Ratio	15	15	15
±60°Cross Polarization Ratio	10	10	10
Vertical Pattern			
Vertical Beamwidth	8	7	7
Upper Sidelobe Level	0...5...10 15...15...15	0...5...10 17...17...17	0...5...10 17...17...17
Electrical Downtilt	0°-10°	0°-10°	0°-10°
Electrical Tilt Optional	/	/	/
VSWR	1.5	1.5	1.5
Isolation: Intrasystem	-28	-28	-28
Intermodulation IM3(2x43dBm)	≤-150dBc	≤-150dBc	≤-150dBc
Impedance	50Ω	50Ω	50Ω
Power Rating	300W	200W	200W
Mechanical specification			
Antenna Dimensions	2101*418*142mm		
Packed Dimensions	2280*495*285 mm		
Antenna Weight	23.5kg		
Connector Type	6x7/16DIN-Female		
Radome Material	UPVC		
Reflector Material	Aluminum		
IP Grade	IP55		
Mechanical Downtilt	0-6°		
Operating Temperature	-40℃ ~+65℃		
Storage Temperature	-55℃ ~+75℃		
Humidity	95%RH@+30		
Ice Protection Ability	10mm		
Max Wind Velocity	200km/h		
Lightning Protection	Direct Ground		

