

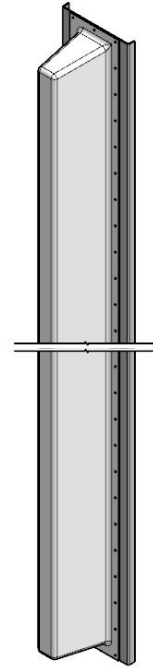
TRS Omni Antenna

806~856 MHz / 16 dBi

SW-CS3-16

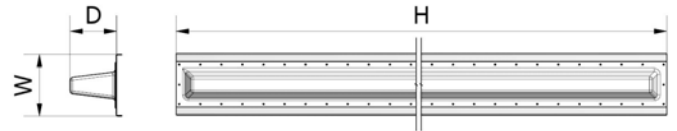
i. Electrical Specification

Frequency Range	806~856MHz	
Polarization	Vertical	
Band Width	50 MHz	
Gain	≥ 16 dBi	
Beam Width	Horizontal	≥ Nominal 115°
	Vertical	≥ Nominal 8°
F-B ratio	≥ 15dB	
IMD (2x30dBm)	-	
VSWR	≤ 1 : 1.5	
Impedance	50 Ω	
Maximum input power	100 W	

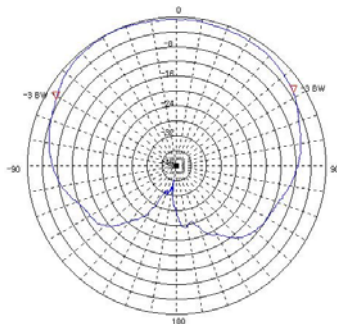


ii. Mechanical Specification

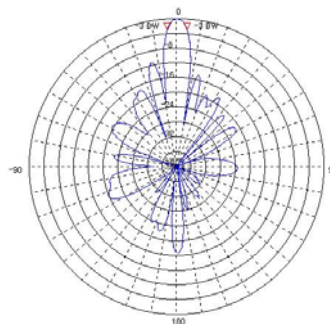
Radom Dimension (W X D x H)	200 X 170 X 2400	
Weight (Include bracket)	≤ 15 kg	
Connector Type	N – Female	
Withstand Wind Pressure	60 m/sec	
Radome Material	ABS/ASA	
Radome Color	White	
Temperature	-40 °C ~ 70 °C	
Packing Size (H x W x D)	-	
Packing Weight	-	



iii. Radiation Pattern



Horizontal Pattern



Vertical Pattern