PRODUCT: PEDESTAL CONTROL UNIT (PCU) DATASHEET

SI. NO	PARAMETERS	SPECIFICATIONS
1.	Type	Pedestal Control Unit
2.	Weight	≥ 40 Kgs
3.	Encoder Type	Absolute SSI and Incremental Encoder
4.	Azimuth Range	0˚to 360˚(Continuous)
5.	Elevation Range	-5˚to 80˚
6.	Azimuth Speed	0 to 30 RPM
7.	Input Power	3 Ø AC, P – P 450 VAC, P - N 240 VAC
8.	Operating Frequency	50/ 60 Hz
9.	Communication Interface	RS232, RS422, CAN
10.	Operating Temperature	-10˚C to +55˚C
11.	Humidity	95% at 40˚C
12.	Azimuth Position Accuracy	±1˚
13.	Azimuth Position Accuracy	±0.5˚
14.	Position Reporting Resolution	0.05mrad
15.	Assembly Type	For Rack Mount
16.	Equipment Weight	40 Kgs
17.	Dimension	480 x 550 x 220 mm
18.	Payload	MPR Radar (Approx. 1000kg)
19.	Material	Al Alloy 6061 – T6
20.	Finish	Clear Anodizing
21.	Safety Switch	Circuit Breaker
22.	Phase Status	Indication LED's
23.	Application Standard	For Ground Application Radars
24.	Thermal Management	Chiller Unit with Coolant

