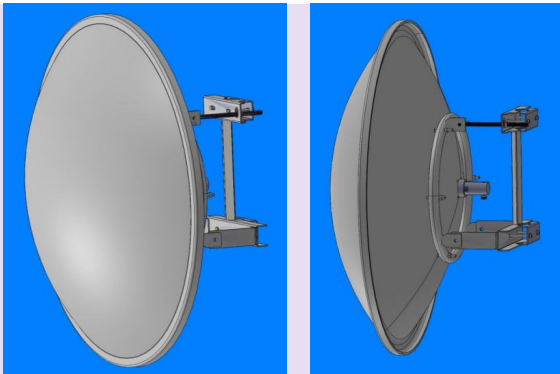


External Dish Antenna -
Extended Temperature
HF55-DPDISH-31-EXT
5.18-5.85 GHz 31dBi 2x2 MIMO



Electrical Parameters

Frequency (MHz)	5100 - 5850	
Gain (dBi)	2 x 31±0.5	
VSWR (Max)	1.5:1 (Typ)	1.7:1 (Max)
H Plane BW (°)	4±0.5	
E Plane BW (°)	4±0.5	
Polarization	Linear V & H	
Port to Port Isolation (dB)	> 30	
Max. Power Input (Watts)	50	
Impedance (Ω)	50	
Front to Back Ratio (dB)	> 36	
Cross Poln. (dB)	> 30	
Connector Termination	2 x N(F)	
Lightning Protection	DC Ground	

Environmental Limits

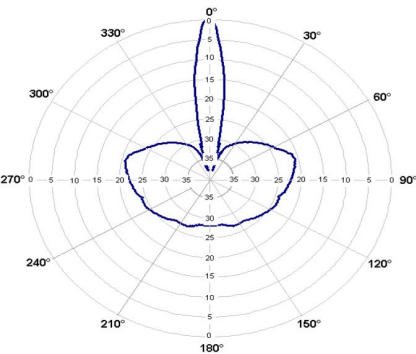
Temperature Range (°C)	(-) 40 to (+) 70
Wind Speed (km/hr)	200 (Survival) 150 (Operational)
Humidity	95% No Condensation
Water Proofing	IP 67

Mechanical Parameters

Dimension (mm)	Ø980 ± 3	
Antenna Material	Aluminium Alloy	
Finish	White Powder Coated	
Radome Material	UV ABS	
Gross Weight (kg)	15±1	
Mounting Hardware	MS Galvanized & Powder Coated	
Mounting Style	Pole	
Mounting Pole Diameter(in)	2 - 3	
Mounting Adjustment	H Plane ± 180°	V Plane ± 15°

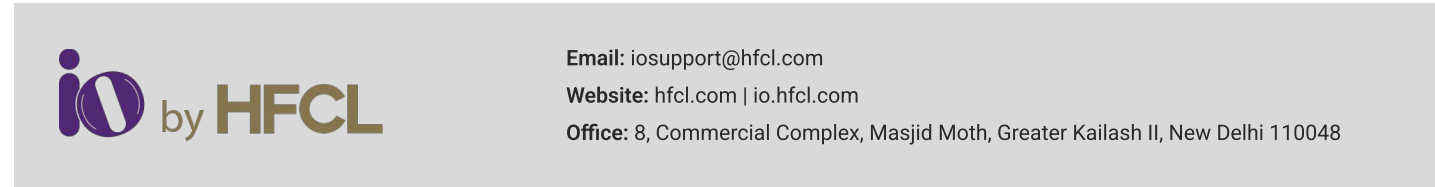
Cable Assembly Details

Cable Type	0.141 Semi Rigid
Connector Type	N Male
Connector Qty	2 (Assembled on each side)
Cable Length	1 mtr
Cable color	Blue (Outer Jacket)
No. Of Cable Assemblies	2



Ordering Information

HF55-DPDISH-31-Ext	IO 5 GHz UBR Dual Polarised Dish Antenna, 31 dBi, extended temperature with radome
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