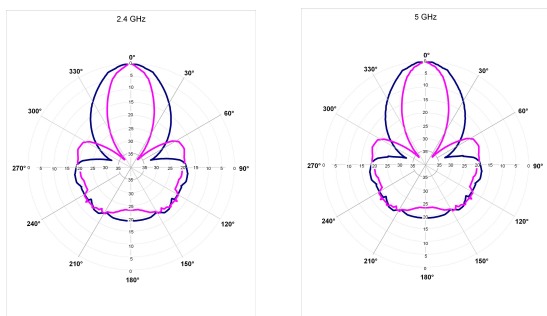


IO Dual Band Wi-Fi Antenna, Sector, 30o H, 15o V, with LTE Reject Filter, 17 dBi, 2x2

HFDB22-NM2SEC1530-17-BP



Band Pass Filter Characteristics



* Blue = H Plane; Magenta = E Plane

Electrical Parameters

Frequency (MHz)	2400 - 2500	5100 - 5900
Gain (dBi)	2 x 17±0.5	
VSWR (Max)	1.5:1	
H Plane BW (°)	30 ± 2	
E Plane BW (°)	15 ± 1	
Polarization	H & V	
Internal Diplexer	Included to Split 2.4 GHz & 5 GHz	
Port to Port Isolation (dB)	> 25	
Interband Isolation	> 40	
Max. Power Input (Watts)	50	
Impedance (Ω)	50	
Front to Back Ratio (dB)	> 25	
Cross Poln. (dB)	> 20	
Connector Termination	2 x N(M) With 500 mm pigtail	
Lightning Protection	DC Grounded withstand up to 20KVA	

LTE Band 40 Rejection Filter

Pass Band Frequency	2400 – 2484 MHz	5150 – 5875 MHz
Stop Band Frequency	2300 – 2380 MHz	
Roll-of/Guard Band	2380 – 2400 MHz	
Insertion loss in pass band	0.5 dB (typ.)	
Attenuation in stop band	40 dBm (min.)	
VSWR (Max)	1.5: 1	

Mechanical Parameters

Dimension (mm)	350 X 300 X 65 mm	
Gross Weight with Bracket	3.5±0.2 Kg's	
Radome	UV PVC	
Mounting Hardware	Hot-Dip Galvanized	
Mounting Style	Pole	
Mounting Pole Diameter	2 - 2.5 Inch	
Mounting Adjustment	±25 Degree	

Environmental Parameters

Temperature Range (°C)	(-) 40 to (+) 55	
Wind Speed (km/hr)	200 (Survival)	150 (Operational)
Humidity	95% No Condensation	
RoHS	Complied	
Water Proofing	IP 65	