

Electrical Specifications

Item No.	AD806-3700V6i10i10.5i110(34)(36)B				
Frequency Range	MHz	806-960	1710-2170	2300-2700	3300-3700
Average Gain	dBi	≥6	≥10	≥10	≥10.5
Polarization		V	V	V	V
Beam width	Horizontal	110±15	34±10	34±10	36±10
	Vertical	67±15	58±10	58±10	58±10
Front-To-Back Ratio	dB	≥10	≥17	≥17	≥17
VSWR		≤1.5	≤1.5	≤1.5	≤1.5
PIM, 3rd Order, 2 x 37dBm	dBm	≤-90			
Average Power (Single Port)	W	≥100	≥100	≥100	≥100
Impedance	Ω	50			

Mechanical Specifications

Dimensions, HxWxD	mm	360×340×125			
Packing size		385×360×130			
Weight, without Mounting Kit	kg	1.84			
Weight of installation kits	kg	0.5			
Radome Material and Color		PP			
Connector Type and Location		1x N-Female, Bottom			
Connector Material		Copper			
Exposed cable material		RG141			
Length of exposed cable	mm	≥200			
Thickness of antenna reflector	mm	1.0			
Max. wind velocity	km/h	200			
Wind load (Frontal/ Lateral / Rear side @150km/h)	N	168/58/168			
Operational Temperature	oC	-40 to +70			
Protection grade		IP65			

