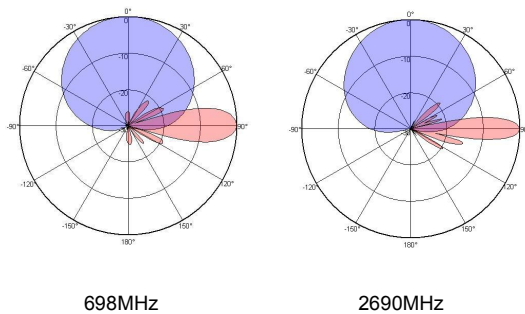


4 Port 698-960 and 1710-2690MHz Cluster Antenna

Electrical specifications		
Frequency Range (MHz)	698-960	1710-2690
Polarization	±45	
Gain(dBi)	14.5	17.5
Horizontal Beam width(°)	65	
Vertical Beam width(°)	14	7
Electrical Down tilt (°)	2-12	
Electrical Down tilt Deviation(°)	±1	
1st Upper Side-lobe Suppression(dB)	≤-15	
Front-To-Back Ratio,180°±30°(dB)	≥25	≥25
Cross-polar Discrimination@0°(dB)	≥15	
Maximum Power per Port(W)	250	200
VSWR	≤1.5	
Isolation (dB)	28	
Intermodulation IM3(dBc)	≤-150(@2*43dBm)	
Impedance(Ω)	50	
Lightning Protection	DC Ground	



Mechanical specifications	
Antenna size(mm)	400×400×1600
Packing size(mm)	500×500×1850
Antenna weight(kg)	40
Mounting weigh(kg)	15
Packing weigh(kg)	58
Connector	4*7/16DIN-Female
Connector Location	Bottom
Radome Material	Fiberglass
Radome Color	Gray
Operating Temperature(°C)	-40~65
Operating Humidity(%)	≤95
Wind resistance(km/h)	210
Waterproof	IP65