

MIMO WiFi/LTE S65-5366-703

SPECIFICATIONS



DESCRIPTION

S65-5366-703: A multi-band MIMO, short blade antenna that features a total of five (5) port connectors. Three (3) of the connectors cover the WiFi frequencies and the remaining two (2) connectors cover the LTE frequencies.

The antenna's vertically polarized radiating elements are strategically located to provide optimum performance of over-the-air WiFi and LTE signals; while minimizing coupling effects.

The antenna is low in profile and hermetically sealed. The composite radome provides protection against rain, ice and lightning strikes. Its six (6) hole mounting configuration design is ideal for commercial aircraft installations.

FEDERAL & MILITARY SPECS: RTCA DO-160D/G, MIL-A-7772B, MIL-E-5272C, MIL-HDBK-5400 and MIL-STD-810D.

ELECTRICAL		
Frequency	WiFi	J1, J2 J5: 2400-2500 MHz 4900-5900 MHz
	LTE	J3, J4: 700-2700 MHz
VSWR	WiFi	J1, J2, J5: $\leq 3.0:1$
	LTE	J3, J4: $\leq 3.0:1$
Polarization	Vertical	
Pattern	Omnidirectional	
Impedance	50 Ohms	
Power	50 Watts Continuous	
Lightning Protection	DC grounded	
MECHANICAL		
Weight	1.5 lbs	
Height	5.56 in.	
Length	10.76 in.	
Width	3.77 in.	
Material	Aluminum Alloy 6061-T6/Thermoset Plastic	
Finish	Skydrol Resistant Polyurethane Enamel	
Connector	TNC Female (5x)	
ENVIRONMENTAL		
Temperature	-55°C (-67°F) to +85°C (+185°F)	
Altitude	55,000 ft	

