

Specifications

airFiber AF-5/AF-5U	
Dimensions	
Radio	938.4 x 468.4 x 281.4 mm (36.94 x 18.44 x 11.08")
Box	1042 x 573 x 502 mm (41.02 x 22.56 x 19.76")
Weight	
Radio (Mount Included)	16 kg (35.27 lb)
Box	26.5 kg (58.42 lb)
Max. Power Consumption	40W
Power Supply	50V, 1.2A PoE GigE Adapter (Included)
Power Method	Passive Power over Ethernet
Supported Voltage Range	+42 to +58VDC, -48VDC
Automatic Transmit Power Control (ATPC)	Yes
Certifications	CE, FCC, IC
Mounting	Pole Mount Kit (Included)
Wind Loading	863 N @ 200 km/hr (194 lbf @ 125 mph)
Wind Survivability	200 km/hr (125 mph)
Operating Temperature	-40 to 55° C (-40 to 131°F)
LEDs	(12) Status LEDs: Data Port Link/Activity Data Port Speed Management Port Link/Activity Management Port Speed GPS Synchronization Master/Slave Link Status Modulation Mode 0.25x to 4x, 6x, 8x, 10x (Unlabeled), Overload Remote and Local Displays (Calibrated Signal Strength)
Operating Frequency	
AF-5	
FCC 15.247, 15.407, IC RSS-210	5470 - 5600 MHz, 5650 - 5850 MHz
ETSI EN 301 893, EN 302 502	5470 - 5875 MHz
Other Regions	5470 - 5950 MHz
AF-5U	
FCC 15.247, IC RSS-210	5725 - 5850 MHz
ETSI EN 302 502	5725 - 5875 MHz
Other Regions	5725 - 6200 MHz
Interface	
Data Port	(1) 10/100/1000 Ethernet Port
Management Port	(1) 10/100 Ethernet Port
Auxiliary Port	(1) RJ-12, Alignment Tone Port
System	
Maximum Throughput	1.2+ Gbps
Maximum Range	100+ km (Dependent on Regulatory Region)
Packets per Second	1+ Million
Encryption	128-Bit AES
Uplink/Downlink Ratio	50% Fixed
Latency	
Full Duplex Mode	< 200 µs at Full Throughput
Half Duplex Mode	< 2 ms at Full Throughput
Radio Frame Synchronization	GPS
Dynamic Frequency Selection	
AF-5	CE, FCC/IC
AF-5U	CE (FCC/IC Not Applicable)
MTU (Maximum Transmission Unit)	Up to 9600