

PRODUCT SPECIFICATION**AIREBEAM™60-1250-MX****AIREBEAM™60-1250-LX**

Description	Outdoor MMW Radio transceiver with integrated high gain antenna incl. mounting/alignment bracket and power supply	
Frequency of Operation	57... 64 GHz	
Transmission Power	10 mW (+ 10dBm)	
Modulation	ASK	
Dimensions w/o Antenna (W x L x H)	180 x 180 x 100 mm	
Antenna Size	30 cm	60 cm
Antenna Gain	43 dBi	48 dBi
Antenna Polarization	Horizontal/vertical	
Antenna HPBW	0.9°	0.5°
Unit Weight	6 kg	10 kg
Operating Voltage	48 Vdc	
Operating Temperature	-30°C to 70°C -22°F to 158°F	
Humidity Range	Up to 95% (Non-Condensing)	
Environmental/IP Rating	IP66	
Power Consumption	max. 20W	
Mounting Options	Pole mount or pan-tilt alignment bracket	Pole mount alignment bracket
Mounting Pole Diameters	60...80 mm (Pole mount alignment bracket) 70 mm (Pan-tilt alignment bracket)	80....100mm

NETWORKING

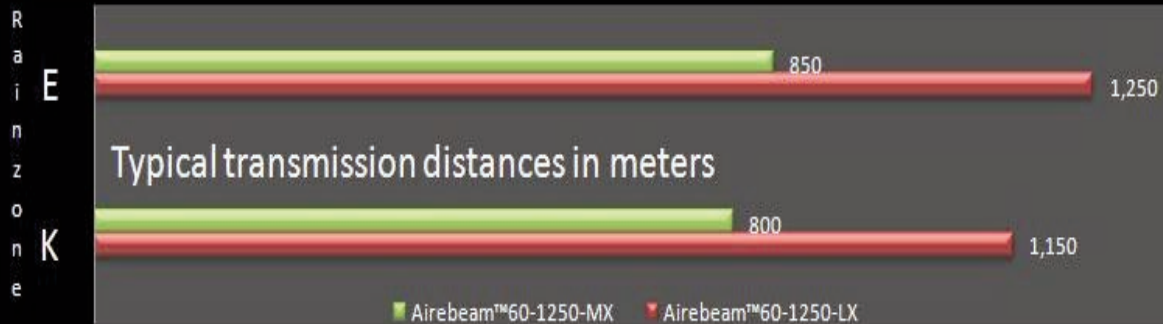
Protocol	802.3z (Gigabit Ethernet)	
OSI Layer	Physical layer 1	
Physical Interface	1000Base-SX, SFF (mulimode, 850 nm, LC termination)	
Data Rate	1250 Mbps, Full Duplex	
Management	Outband management channel	

REGULATORY COMPLIANCE

United States:	Complies with US Part 15 of the Federal Communication Commissions rules
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OTHERS

Operational Range	Dependent on rain zone of operation and availability requirement
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