

Airmux Accessories

Carrier-Class PoE Injector



Highlights

- Carrier class POE injector
- Supports up to 2.5GBASE-T Ethernet.
- Safety and EMC Certified for FCC/CE
- Short Circuit and Overcurrent output protection
- Standard IEC320 C6 AC inlet
- Country specific AC cable is bundled per PN

Description

- Indoor AC POE device for RADWIN radios
- Up to 2.5Gbps Ethernet interface
- 56 Watts POE power output

Specifications

OUTPUT

| | |
|---------------------------|---|
| DC Output Voltage – Rated | 53-57V |
| POE scheme | 4-pair passive POE (positive wires: 1,2,4,5, negative wires: 3,6,7,8) |
| DC Current per wire pair | 250mA |
| Rated Power | 56W |
| Output Ripple | Less than 500mV |
| LED Status Indicator | Power, Active |

INPUT

| | |
|-----------------------|--------------------------------------|
| Voltage Range (Max) | 90Vac to 264VAC |
| Frequency Range (Max) | 47-63 Hz |
| Efficiency (Typical) | >85% |
| AC Current (Max) | Max 1300mA @ 90Vac |
| Inrush Current (Max) | 150A/ 240VAC |
| Leakage Current (Max) | 0.25mA (At nominal AC input voltage) |



PROTECTION

| | |
|-------------------------|--|
| Output Overcurrent | Limited between 1300 ~ 2000mA |
| Output Short Circuit | Supported |
| Electrostatic discharge | Direct discharge: ±6kV, Air discharge: ±10kV |

ENVIRONMENTAL

| | |
|-----------------------|------------------------------------|
| Operating Temperature | 0 deg to +40 deg |
| Humidity | 35% ~ 95% RH non-condensing |
| Vibration | IEC publ. 68-2-6 (Non-Operational) |

PHYSICAL

| | |
|-----------|---------------------------|
| Dimension | 138.5*62.5*32.3mm (L*W*H) |
| Weight | 240g |

REGULATORY COMPLIANCE

| | |
|--------|--|
| Safety | Standards : CB/IEC 60065, IEC60950 EN60065, EN60950, UL60950-1 Isolation resistance: I/P-O/P:50MOhms / 500VDC / 25 / 70% RH |
| EMC | Emission : CE/EN55013&EN55032; EN55024, EN55020 FCC Part15 Sub part B, Class B; ANSI C63.4 |
| MTBF | 50khrs min. MIL-HDBK-217F @ 25 Deg C |



Ordering

Airmux-POE/AC/2.5/GBE/EU

100-240VAC nominal range. 90-264VAC max range; EU wiring. Designed for Airmux-5000 BS and JET-DUO. Include power cable.

Airmux-POE/AC/2.5/GBE/US

100-240VAC nominal range. 90-264VAC max range; US wiring. Designed for Airmux-5000 BS and JET-DUO. Include power cable.

Airmux-POE/AC/2.5/GBE/UK

100-240VAC nominal range. 90-264VAC max range; US wiring. Designed for Airmux-5000 BS and JET-DUO. Include power cable.

Airmux-POE/AC/2.5/GBE/India

100-240VAC nominal range. 90-264VAC max range; India wiring. Designed for Airmux-5000 BS and JET-DUO. Include power cable.

Airmux-POE/AC/2.5/GBE/China

100-240VAC nominal range. 90-264VAC max range; China wiring. Designed for Airmux-5000 BS and JET-DUO. Include power cable.

Airmux-POE/AC/2.5/GBE/OC

100-240VAC nominal range. 90-264VAC max range; Open cord. Designed for Airmux-5000 BS and JET-DUO. Include power cable.

Airmux-POE/AC/2.5/GBE/Argentina

100-240VAC nominal range. 90-264VAC max range; Argentina wiring. Designed for Airmux-5000 BS and JET-DUO. Include power cable.

Airmux-POE/AC/2.5/GBE/SA

100-240VAC nominal range. 90-264VAC max range; SA wiring. Designed for Airmux-5000 BS and JET-DUO. Include power cable.

Airmux-POE/AC/2.5/GBE/Australia

100-240VAC nominal range. 90-264VAC max range; Australia wiring. Designed for Airmux-5000 BS and JET-DUO. Include power cable.

Airmux-POE/AC/2.5/GBE/Brazil

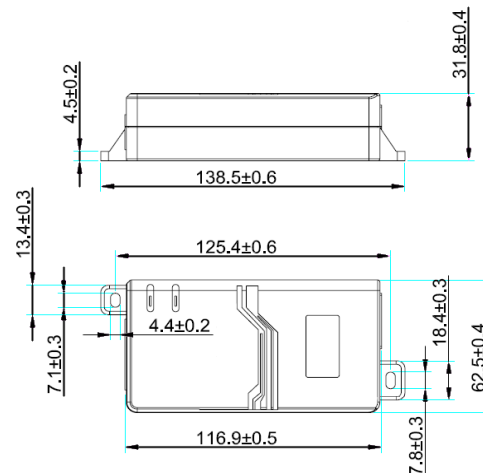
100-240VAC nominal range. 90-264VAC max range; Brazil wiring. Designed for Airmux-5000 BS and JET-DUO. Include power cable.

Airmux-POE/AC/2.5/GBE/Chile

100-240VAC nominal range. 90-264VAC max range; Chile wiring. Designed for Airmux-5000 BS and JET-DUO. Include power cable.

Airmux-POE/AC/2.5/GBE/Israel

100-240VAC nominal range. 90-264VAC max range; Israel wiring. Designed for Airmux-5000 BS and JET-DUO. Include power cable.



Mechanical Information

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