

# FIELD TELECOM APPLICATIONS



For applications where fans may be powered by 48V Telecommunication busses, Orion Fans offers 60mm, 92mm, and 120mm fans at various performance levels. All fans are available with IP ratings (IP55 - IP69K), saltfog, as well as special functions (tachometer output, locked rotor alarm, PWM input).

- Cooling fans for telecom nominally rated at 48 VDC
- Can see sustained voltages of 56 volts or more
- Running 48V fans at higher voltages can cause:
  - Fans running beyond specifications
  - Excessive heat buildup in the fan motor
  - Premature fan failure
  - Equipment certification complications

## Recommended Fans

OD6025-60LB

OD9225-60HB

OD1238-60HB

## Benefits of 60V Fans

- Accept input voltages from 36 VDC to 72 VDC with nominal voltage rating of 60 VDC
- Take higher voltage inputs without sustaining damage
- L10 Life Expectancy: 65,000 Hours at 45°C
- Can be customized for "Constant RPM" operation

