

# Gigabit Ethernet Surge Suppressor

Cambium Networks designs outdoor wireless broadband solutions to operate in the toughest of environments. Lightning strikes are the most typical cause of system outages or failures of mast-mounted equipment especially when mounted as high as 300m. The Gigabit Ethernet Surge Suppressor is critical for lightning protection to minimize the potential for damage.

Network operators should always follow best-practices for grounding and lightning protection. Doing so will minimize network outages and reduce the associated costs of tower climbs and equipment repair/replacement.

The Gigabit Ethernet Surge Suppressor is compatible with the PMP 450i (Access Point and Subscriber Module), PTP 450i and PTP 820S. The unit ships suitable for mounting to a wall or pole.



## Specifications

### Features

MODEL NUMBER	C000000L033A
TRANSFER RATE	1000 Base T
CONNECTORS	Two x RJ-45
NOMINAL VOLTAGE	56V
PROTECTION MODE	Line-to-line and line-to-ground
SURGE ARRESTOR	TVS Diodes (Transient Voltage Suppression for longer operational life)
SURGE CURRENT RATING, L-G, total	172A, 10/1000us
RESPONSE TIME	5 nanoseconds typical
MOUNTING	Pole mount or wall mount
DIMENSIONS	4.6 in. x 3.4 in. x 1.8 in. (118mm x 87.5mm x 46.5mm)
WEIGHT	0.34 lbs (156 gm)
WIND SURVIVAL	200 mph (321 km/hour)
OPERATING TEMPERATURE	-40° F (-40° C) to +140° F (+60° C)
HUMIDITY	100% condensing
ENVIRONMENTAL PROTECTION	IP54 (Dust and Water Intrusion Protection)