

Gigabit Ethernet Surge Suppressor

QUICK LOOK:

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 and Features

Model Number	C000000L033A
Transfer Rate	1000 Base T
Connectors	Two RJ-45 cables. Note: All RJ45 Ethernet LAN cables used for providing power or are connected to power ports (PoE) must be UL certified with VW-1 markings. All cables used for outdoor installations must be suitable to be used for that environment and rated accordingly.
Nominal Voltage	56 V
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	118 x 87.5 x 46.5 mm (4.6 x 3.4 x 1.8 in)
Weight	156 g (0.34 lbs)
Wind Survival	321 kph (200 mph)
Operating Temperature	-40°C to 60°C (-40°F to 140°F)
Humidity	100% Condensing
Environmental Protection	IP54 - Note: This product meets the UL/cUL 62368 / IEC 62368 edition 2 specification. The radio housings are designed to be raintight.