Lightning Protection Unit (LPU) Guide

DC Power over Ethernet(PoE)

C000065L007B

LPU and Grounding Kit (1 kit per ODU)

Volts: 56V
Type: DC Power over Ethernet (PoE)
Env Protection: IP66/IP67
Transfer Rate: 1000 Mbps
Connectors: Two x RJ-45
Protection Mode: Line-to-ground

Surge Rating: 172A, 10/1000us(L-G)
230A, 5/320us (EN61000-4-5)
Mounting: Pole mount 1-3"(25-75 mm) or wall mount
Operating Temperature: -40°C to +60°C
Grounding Accessories: Included

C000000L033A

Gigabit Surge Suppressor (56V), 10/100/1000 BaseT

Volts: 56V
Type: DC Power over Ethernet (PoE)
Env Protection: IP54
Transfer Rate: 1000 Mbps
Connectors: Two x RJ-45
Protection Mode: Line-to-ground

Surge Rating: 172A, 10/1000us(L-G)
230A, 5/320us (EN61000-4-5)
Mounting: Pole mount or wall mount
Operating Temperature: -40°C to +60°C
Grounding Accessories: M5-Termination ring (included), C000000L138A (not included)

C000000L065A

Gigabit Surge Suppressor (30V)

Volts: 30V
Type: DC Power over Ethernet (PoE)
Env Protection: IP54
Transfer Rate: 1000 Mbps
Connectors: Two x RJ-45
Protection Mode: Line-to-ground

Surge Rating: 216A 10/1000us
Mounting: Pole mount or wall mount Operating Temperature: -40°C to +60°C Grounding Accessories: M5-Termination ring (included), C000000L138A (not included)

600SSH

Surge Suppressor

Volts: 30V
Type: DC Power over Ethernet (PoE)
Env Protection: IP54
Transfer Rate: 10/100 Mbps
Connectors: Two x RJ-45
Protection Mode: Line-to-ground

Surge Rating: 200A common mode (EN61000-4-5)
Mounting: Pole mount or wall mount Operating Temperature: -40°C to +60°C
Grounding Accessories: C000000L138A (not included)

LPU Selection Guide

DC Power LPUs

C000000L114A

DC Surge Suppressor (DC LPU kit) with 2x 4-pin power connectors

Volts: 56V
Type: DC Power
Env Protection: IP66/IP67
Transfer Rate: N/A
Connectors: Molex DC
Protection Mode: Line-to-ground

Surge Rating: 172A, 10/1000us(L-G) 230A, 5/320us (EN61000-4-5)
Mounting: Pole mount 1-3" (25-75 mm) or wall mount
Operating Temperature: -40°C to +60°C
Grounding Accessories: Included

WB3657A

LPU End Kit PTP 800/820

Volts: 56V
Type: DC Power
Env Protection: IP67
Transfer Rate: N/A
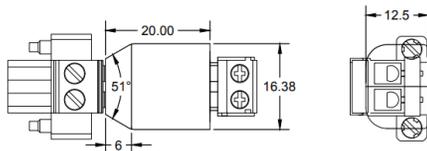Connectors: Two x N Female
Protection Mode: Line-to-ground

Surge Rating: 20kA 8/20us (EN61000-4-5)
Mounting: Pole mount
Operating Temperature: -40°C to +60°C
Grounding Accessories: C000000L138A (not included)

N000082L185A

PTP 820 DC surge suppressor

Volts: 56V
Type: DC Power
Env Protection: IP54
Transfer Rate: N/A
Connectors: Screw Terminals
Protection Mode: Line-to-line

Surge Rating: 144.9A 10/1000us
Mounting: Mounts to Radio
Operating Temperature: -40°C to +60°C
Grounding Accessories: N/A

N000082D012A

PTP 820 Gas Tube Surge Arrestor End Kit

Volts: 56V
Type: DC Power
Env Protection: IP67
Transfer Rate: N/A
Connectors: Two x N Female
Protection Mode: Line-to-line and line-to-ground

Surge Rating: 20kA 8/20 us
Mounting: Pole mount or wall mount
Operating Temperature: -30°C to 70°C
Grounding Accessories: N/A

LPU Selection Guide

LPUs

	C000065L007B	C000000L033A	C000000L065A	600SSH	C000000L114A	WB3657A	N000082L185A	N000082D012A
Volts	56V	56V	30V	30V	56V	56V	56V	56V
Type	DC PoE	DC PoE	DC PoE	DC PoE	DC Power	DC Power	5DC Power	5DC Power
Env Protection	IP66/IP67	IP54	IP54	IP54	IP66/IP67	IP67	IP54	IP67
Transfer Rate	1000 Mbps	1000 Mbps	1000 Mbps	10/100 Mbps	N/A	N/A	N/A	N/A
Connectors	Two x RJ-45	Two x RJ-45	Two x RJ-45	Two x RJ-45	Molex DC	Two x N Female	Screw Terminals	Two x N Female
Protection Mode	Line-to-line and line-to-ground						Line-to-line	
Surge Rating	172A, 10/1000us(L-G) | 230A, 5/320us (EN61000-4-5)	172A, 10/1000us(L-G) | 230A, 5/320us (EN61000-4-5)	216A 10/1000us	200A common mode (EN61000-4-5)	172A, 10/1000us(L-G) | 230A, 5/320us (EN61000-4-5)	20kA 8/20us (EN61000-4-5)	144.9A 10/1000us	L20kA 8/20 us
Mounting	Pole mount 1-3" (25-75 mm) or wall mount	Pole mount or wall mount	Pole mount or wall mount	Pole mount or wall mount	Pole mount 1-3" (25-75 mm) or wall mount	Pole mount	Radio Mount	Pole mount or wall mount
Operating Temperature	-40℃ to +60℃	-40℃ to +60℃	-40℃ to +60℃	-40℃ to +60℃	-40℃ to +60℃	-40℃ to +60℃	-40℃ to +60℃	-30℃ to 70℃
Grounding Accessories	Included	M5-Termination ring included, C000000L138A	M5-Termination ring included, C000000L138A	C000000L138A	Included	C000000L138A	N/A	N/A

ABOUT CAMBIUM NETWORKS

Cambium Networks empowers millions of people with wireless connectivity worldwide. Its wireless portfolio is used by commercial and government network operators as well as broadband service providers to connect people, places and things. With a single network architecture spanning fixed wireless and Wi-Fi, Cambium Networks enables operators to achieve maximum performance with minimal spectrum. End-to-end cloud management transforms networks into dynamic environments that evolve to meet changing needs with minimal physical human intervention. Cambium Networks empowers a growing ecosystem of partners who design and deliver gigabit wireless solutions that just work.

cambiumnetworks.com

09082021