



Surge Suppressor

The 600SS Surge Suppressor provides a path to ground (Protective Earth) that protects connected radio equipment from near-miss lightning strikes. The 600SS is compatible with all Cambium PMP models.

The 600SS is composed of two separate protection circuits. The Ethernet suppressor circuit consists of a common mode and differential protection scheme across both pairs of data lines (pins 1 and 2, and 3 and 6). The power lines are also protected against surges in common mode and differentially. Because it must protect all varieties of power configurations, the 600SS offers full isolation between the four power lines (pins 4, 5, 7 and 8).

Cambium Networks provides exceptional wireless broadband connectivity solutions. With more than 3 million modules deployed in thousands of networks around the world, Cambium solutions are proven to provide cost effective, reliable data, voice and video connectivity.

SPECIFICATIONS

INTERFACE

INSTALLATION

The 600SS ships with the ground washer in the isolated position, isolated meaning that there is a 58V transorb between earth ground and pin 4 of the Ethernet cable so to support the WiMAX 230 CPE product (pin 4,5 are +56V, pin 7,8 return). The only reason to move the washer to the ground position is when first time deploying the PMP 100, PTP230, PMP 430, 450 series and if CRC or packet error rate issues are noticed, then try rotating the ground washer in the ground position to see if that helps reduce the CRC or packet error rate issues. Otherwise just leave it in the isolated position

PHYSICAL

SURGE SUPPRESSION

Energy Dissipation (Data and Power lines): 2.1 Joules
 Ethernet Maximum Common Mode Voltage: 75 V
 Ethernet Maximum Common Mode Current: 200 A
 DC Power Line Maximum Common Mode Voltage: 93 V
 DC Power Line Maximum Common Mode Current: 16 A

ENVIRONMENTAL

IP54

TEMPERATURE

Operating Temperature: -40°C to +60°C (-40°F to +140°F)
 Storage Temperature: -40°C to +85°C (-40°F to +185°F)

WEIGHT

0.25 kg (0.5 lb.)

DIMENSIONS (HxWxD)

13 x 9 x 4 cm (5.1" x 3.5" x 1.6")

PHYSICAL CONNECTIONS

2 x RJ-45