

# Cambium Point to MultiPoint, Schematic

MicroPop 3000 is Omni-Directional, meaning it can connect to multiple subscribers at 360°



*Omni Directional aerials provide 360° degrees coverage, however this reduces the effective distance to around 2km. To achieve greater distances use an ePMP 3000L with a directional or sector antenna.*

Ethernet



Local Scada



Force 300-19R



Force 300-19R



Force 300-19R



Force 300-19R



Force 300-19R

*\*Distances up to 2km*

*Wi-Fi bridging can be thought of as a virtual ethernet cable. All devices on either side of the link will be transparently accessible to each other. Though an SSID is used to connect the Subscriber and Access Point, - this type of link does not support Wi-Fi devices such as tablets and phones.*

*\*subject to link planning software*

## Cambium Point to MultiPoint, Outdoor Bridge & Components



### Cambium Force 300-19R

- IP67 – rated
- -30° to +65° -temperature rating
- Includes pole mounting hardware 25mm – 41mm dia.
- 14-30VDC PoE
- 4910-5970 Mhz
- Transparent wireless multipoint bridge



Surge Arrester

### Cambium Surge Arrester -30v

- Recommended for outdoor installations
- 216 amp, 5 nano second response



Force 300-19R

### Cambium Force 300-19R

- IP67 & IP68 – rated
- -30° to +60° -temperature rating
- Includes pole mounting hardware 25mm – 41mm dia.
- 14-30VDC PoE
- 4910-5970 Mhz
- Transparent wireless bridge



PoE Injector

### Cambium PoE injector – AC-DC option

- 240VAC – 24-30VDC
- 802.3 at/af compliant



DC PoE Injector

### Cambium PoE injector – DC-DC option

- 0-56V DC Input / Output
- Passive PoE