



## 700-800MHz Sector 120° Panel

### Electrical Specifications

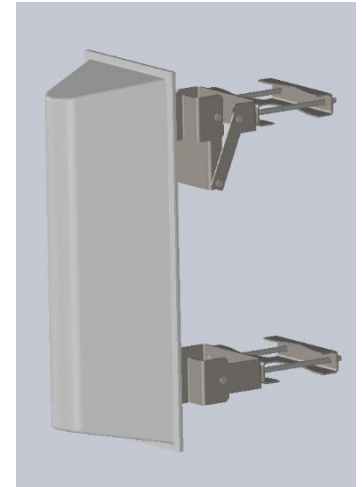
|                                          |                                            |
|------------------------------------------|--------------------------------------------|
| Frequency Range                          | 746-870 MHz                                |
| Gain                                     | 7.4 dBd (9.5 dBi)                          |
| VSWR (Return Loss)                       | 1.5 (13.98 dB)                             |
| Passive IM 3 <sup>rd</sup> Order (2x20W) | -150 dBc                                   |
| Peak Instantaneous Power (PIP)           | 25 kW                                      |
| Front to Back (dB)                       | 16.5                                       |
| Power Input                              | 500 W avg                                  |
| Azimuth HPBW                             | 120°                                       |
| Elevation HPBW                           | 34°                                        |
| Polarization                             | Vertical                                   |
| Input                                    | 7-16 DIN-Female D7<br>4.3-10 DIN-Female D4 |

### Mechanical Specifications

|                         |                            |
|-------------------------|----------------------------|
| Length x Depth          | 24.3" x 10.5"              |
| Width                   | 10"                        |
| Weight                  | 13 lbs                     |
| Shipping Weight         | 19.21 lbs                  |
| Shipping Dimensions     | L 25.43"<br>W 12"<br>H 16" |
| Projected Area          | 1.60 ft <sup>2</sup>       |
| Lateral Thrust @ 100mph | 63.78 lbf                  |
| Wind Gust Rating        | 150 mph                    |
| Mechanical Down Tilt    | 1° - 11°                   |

### Environmental Specifications

|                       |                                   |
|-----------------------|-----------------------------------|
| Operating Temperature | -40° to +140°F<br>(-40°C to 60°C) |
| IP Rating             | 66                                |

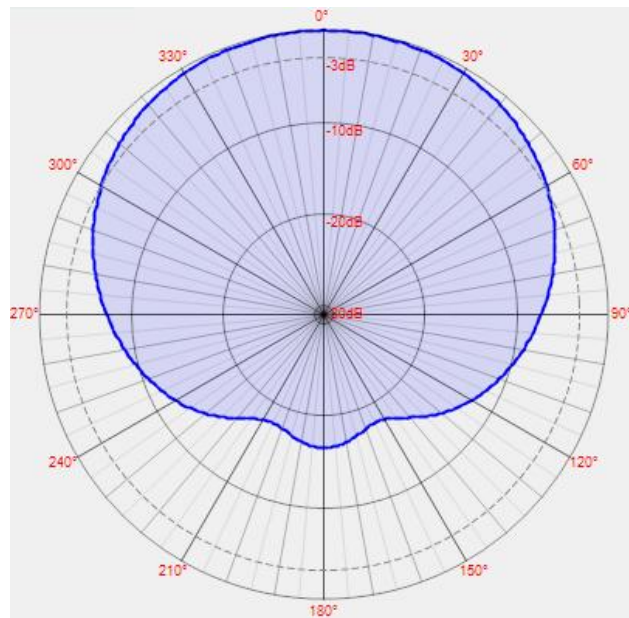


# Product Data Sheet **ATC-GP7V2C120**

Rev 6/18/26

*\*Mount Hardware Included*

## Azimuth Pattern



## Elevation Pattern

