



**SPECIFICATIONS**

|                            |  |
|----------------------------|--|
| <b>General</b>             | The front PIM Absorber kit is a patented low PIM blanket assembly designed to be secured to the front face of base station antennas. The front absorber kit suppresses forward radiation from the antenna with minimum PIM generation and minimum reflection back into the antenna feed system. The front PIM Absorber kit can be used with ConcealFab’s back PIM Absorber kit (901125 or 901162) to help determine the direction of external PIM sources relative to site antennas. |
| <b>Kit Contents</b>        | <ul style="list-style-type: none"> <li>• 1x PIM blanket with integrated clips and tie-down loops</li> <li>• 1x Pole attach strap</li> <li>• 4x RF absorber panels, 24-inch x 24-inch x 4-inch</li> <li>• 4x Adjustable bungee straps</li> </ul>  |
| <b>PIM Performance</b>     | IM3 < -97 dBm when tested in accordance with IEC 62037-8, 700 MHz and 1900 MHz, 2x 20W test tones, static test, absorber panel touching front surface of test antenna  |
| <b>Return Loss</b>         | RL >10 dB (typical) with absorber panel(s) touching front surface of base station antenna  |
| <b>RF Attenuation</b>      | >38 dB (1 GHz to 3 GHz)<br>>50 dB (>3 GHz)   |
| <b>Power Handling</b>      | <b>Warning!</b> The Front Absorber kit includes flammable materials and can ignite if exposed to excess / prolonged RF Heating. The power Handling capability of the Front Absorber Kit is impacted by the antenna size, antenna beamwidth and operating frequency. Please refer to the User Guide for safe operational limits.  |
| <b>Shipping Dimensions</b> | 27-inch x 27-inch x 22-inch  |
| <b>Shipping Weight</b>     | 28.5 lbs.  |

Install pads with gray surface facing out. Blue surface goes against blanket



Absorber panels secured to blanket using 4x clips



Loops provided to hold blanket tight against antenna face using bungee straps provided