

# DAS Above-Ceiling PIM Blocker

Eliminates effect of PIM Sources

Part# DASACABSORBER

## Features

- Reduces PIM By up to 40 dB
- Ideal for above-ceiling conditions
- Plenum Rated
  - Non-flammable, non-smoke.
- Multiple installation methods.
  - Velcro
  - Lugs for strap attachment (Straps sold separately )
  - Use DASACHOLDER Holder accessory.

## Applications

- The PIM Blocker absorber bag can reduce PIM when placed between antennas and surrounding structure.
- The PIM Blocker absorber bag also can help minimize RF radiation above ceilings where signals can interfere with the floor above and can reduce overall DAS performance.



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## Eliminates effect of PIM Sources

### Part# DASACABSORBER

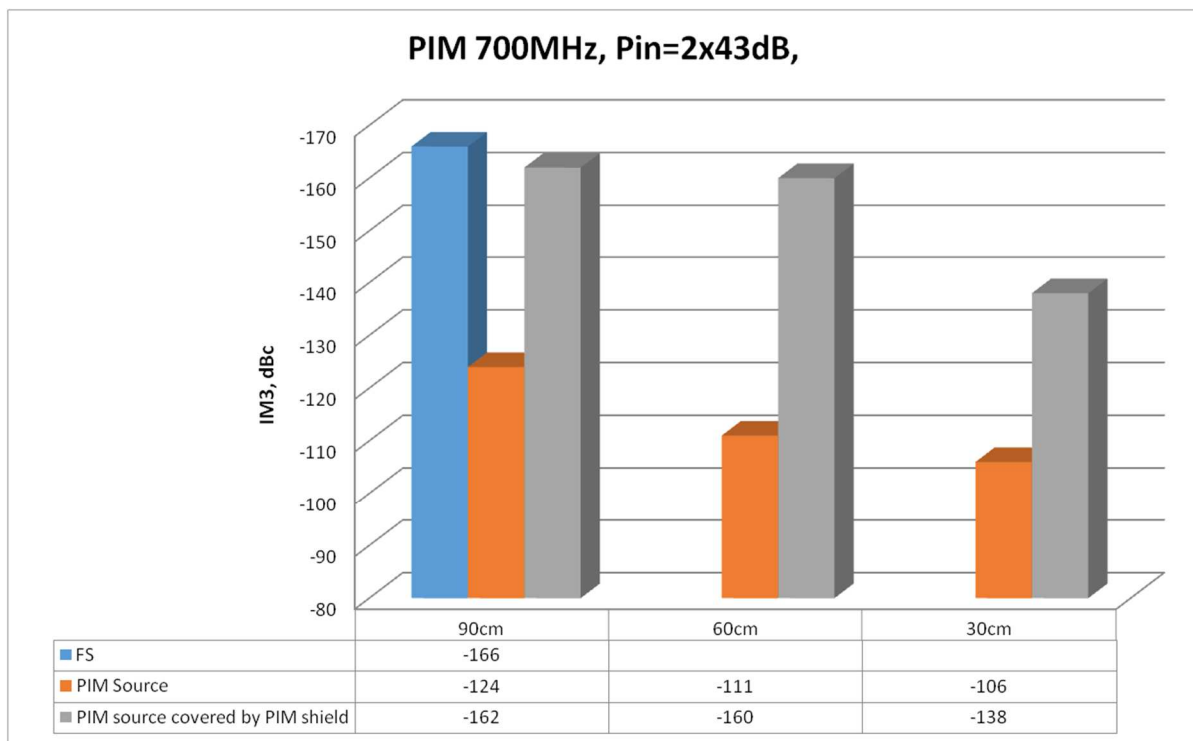
## Performance Measurement

PIM-Blocking Application: The following charts indicate typical PIM reduction when the PIM BLOCKER is used in a real world application. The blue bar indicates an installation using a Pulse PIMinator<sup>®</sup> series antenna with -166 dBc PIM when used in a free space environment. The orange bar indicates the same environment but with a PIM source introduced at a distance of 90 mm above the antenna. For this example the source was a simple metal sheet with some steel wool. You can see that when the PIM source was introduced, the antenna system PIM was degraded to an unacceptable -124 dBc .

However, as indicated with the gray bar, with the inclusion of the PIM Blocker absorber into the system between the antenna and source, the PIM level is improved back to a reasonable -162 dBc. Thus creating an acceptable wireless network environment.

The graph also indicates expected improvement levels when the PIM source is 60 and 30 mm away from the antenna.

Performance varies by both distance and frequency as well as power level.



FS = Free Space Measurement