



Omni-Directional Fixed Surface Mount

- Easily surface mounts to a customer supplied box or enclosure
- Omni-directional cellular antenna
- Configured with a recessed N connector

OD3-700/2700DN

The OD3-700/2700DN is a Wide Band Omni-Directional Cellular Antenna with a unique "pipe" design that is small in size without sacrificing performance.

What makes this antenna different from others in the OD lineup is the Direct N connection (DN). It operates on the 694-960 & 1710-2700 MHz bands to offer true Wide Band Cellular capability for 3G and 4G.

The radome is made from a white fiberglass material that looks appealing and is very durable. The OD3-700/2700DN is a perfect fit for mounting on top of a customer supplied enclosure or box.

The OD3-700/2700DN borrows its capabilities from the standard pole mounted OD3-700/2700, and was designed for customers looking for a surface mounted omni-directional solution. The antenna is durable and rugged. It can withstand the harshest environments of snow, wind, rain and ice.

Since the OD3-700/2700DN is often installed in an outdoor setting, external lightning protection is recommended. It also has a wind survivability of 100 mph (161 kph) minimum with 1/2" (1.3 cm) radial ice.

The OD3-700/2700DN Omni-directional Antenna provides 2-3 dBi gain in a radome measuring just under 10" (25.4cm) tall x 1" (3cm) in diameter. Cable assemblies connected to the base of the antenna can be customized depending on the customers needs for their specific application.

| Model # | Connection |
|--------------------|-----------------|
| OD3-700/2700DN-WHT | Recessed N Plug |

| Specifications | | | |
|---------------------|---|-----------------------|--|
| Frequency: | 694-960 MHz & 1710-2700 MHz | Lightning protection: | External recommended |
| Gain: | | Dimensions: | 10"H x 1"D (25.4 cm x 3 cm) |
| 694-960 MHz | 2 dBi | Weight: | 0.5 lbs (0.22 kg) |
| 1710-2700 MHz | 3 dBi | Material: | Fiberglass, White |
| VSWR: | <2:1 max over range | Mounting: | Customer supplied box |
| Impedance: | 50 Ohm (nominal) | Connector: | Recessed N Plug, cable assemblies available |
| Max power: | 10 watts | Shock and Vibration: | EN300019-2-4, IEC 60067 |
| Beamwidth: | | Water Ingress: | IPx5 |
| 694-960 MHz | 60° El | | |
| 1710-2700 MHz | 50° El | | |
| Wind Survivability: | 100 mph (160 kph) minimum 100 mph (160 kph) minimum with 1/2" (1.3 cm) radial ice | | |
| Operating Temp: | -40 to +80° C | | |
| Cable jumpers: | Available separately | | |