



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:	Surface mount with 4” (1cm) thread height, mounts to customer supplied box
Impedance:	50 Ohms (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° EI		
1710-2700 MHz	50° EI		
Wind Survivability:	100 mph (161 kph) minimum 100 mph (161 kph) minimum with 1/2” (1.3 cm) radial ice		
Operating Temp:	-40 to +80° C		
Cable jumpers:	Available separately		