

UNX14-xx

14-inch Diameter Antenna Enclosure

- 3-sectors inside cylindrical enclosure
- Independent azimuth adjustment per sector
- Stackable to satisfy co-location requirements
- Removable radome segments for easy field access



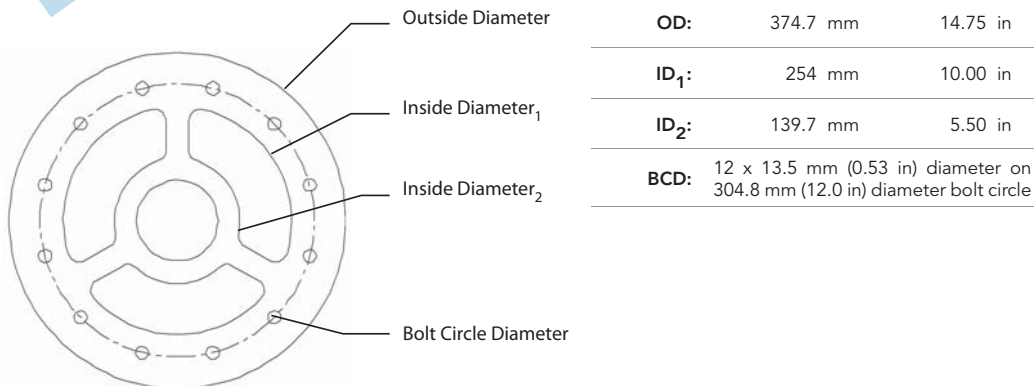
Mechanical Characteristics					
UNICELL Model Number (xx)		UNX14-14		UNX14-19	
Diameter of Radome		368 mm	14.5 in	368 mm	14.5 in
Height		1829 mm	72.0 in	2438 mm	96.0 in
Weight (excluding antennas)		51.8 kg	114 lbs	60.9 kg	134 lbs
Antennas Accommodated		Refer to individual antenna datasheets			
Azimuth Swivel	antenna < 7 in (177 mm)	Yes*		Yes*	
	antenna > 7 in (177 mm)	No		No	
Mechanical Tilt		No		No	
Stackable		Yes		Yes	
Wind Load (160 km/hr or 100 mph)		363 N	82 lbf	484 N	109 lbf
Survival Wind Speed	Single Model	241 km/hr	150 mph	241 km/hr	150 mph
	Stacked Models	241 km/hr	150 mph	185 km/hr	115 mph

*Azimuth swivel will depend on antenna model used.

Electrical Characteristics	
Gain Loss Through Radome	< 0.3 dB
VSWR	< 1.4:1 Max
Port to Port Isolation	> 28 dB
Sector to Sector Isolation	> 45 dB
Front To Back Ratio	> 25 dB
Refer to individual antenna datasheets for all other electrical specifications	

Accessories	Part Number	Description
Mounting Mast	UNX14-M-120	Mounting mast, 120 in x 14 in diameter
Cable Access Canister	UNX14-C	14-inch UNICELL Canister
Lightning Protection Kit	UNX-LPK	Copper air finial with 6m (20 ft) cable attached

UNICELL Flange Interface



Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to products may be made without notice.