



VenU® PIM-Rated Multi-Band Ceiling Mount Omnidirectional Antenna: 698 MHz - 6 GHz

The OLTE7027S-I in-building DAS antenna offers great value for OEMs, VARs and Systems Integrators looking for multi-band coverage, performance, reliability and an attractive housing at an affordable price. Ideal applications include in-building cellular (3G/4G) coverage, public safety, retail establishments, enterprise networks, public hot spots and facilities management.



OLTE7027S-I

Features

- No tune, multi-band platform covers the most widely used in-building frequencies including the full spectrum of 3G/4G and Wi-Fi
- N Female direct connection with plastic jam nut provides a single cable exit for easier installation and antenna replacement
- Aluminum backplate template with drill guiding screw holes for faster, easier installation and labor cost optimization
- Attractive low-profile design addresses aesthetic considerations and overhead clearance requirements
- UL94 V0 plastics and PC boards for compliance with strict building safety code requirements

STANDARD CONFIGURATION

Model	Connector	Mount
OLTE7027S-I	N Female bulkhead standard	Screw mount (screws provided), 1.8" L N Female bulkhead with two 5/8-24 jam nuts and flat washer (included)

ELECTRICAL SPECIFICATIONS - RF ANTENNA

Frequency Range	Gain	VSWR	Average Power	Nominal Impedance	Polarization	PIM
698-850 MHz	1.5 dBi	< 2.0:1 across the band (all frequencies)	50 watts	50 ohms	Vertical, linear	-153 dBc @ 2 x 43 dBm carriers
850-960 MHz	2 dBi					
1710-2170 MHz	4 dBi					
2300-2700 MHz	5 dBi					
3400-3700 MHz	5 dBi					
4900-6000 MHz	6 dBi					

MECHANICAL & ENVIRONMENTAL SPECIFICATIONS

Dimensions	Weight	Housing Material	Temperature Range
12 OD x 3.2 H in (30.5 x 8.2 cm)	1.1 lbs (0.5 kg)	PC	-40°C to 80°C