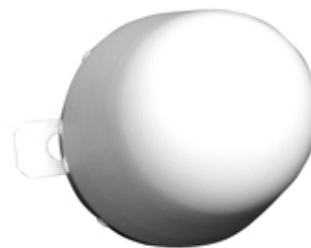


Product Data Sheet for AO8818DC00-28T0

MicroTenna™ Indoor Antenna

The Celwave® MicroTenna series is the ideal choice for all indoor antenna requirements. When your planning indoor ESMR, AMPS, GSM, DCS or PCS systems the Celwave® MicroTenna series has an antenna that can make your installation quick and easy. Each MicroTenna series antenna uses our ingenious wall/ceiling mount for mounting on various surfaces. Their off-white color radome blends easily into most building aesthetics. The integrated connector keeps the diameter of the cable connector small. The MicroTenna series offers has a dual-band model that covers all wireless services from 806 to 2700 MHz. The MicroTenna series is available with various patterns and gains form unity to 6 dB.



Product Specifications	
Frequency Band	Trunking/SMR (806-824, 851-869 MHz), Cellular (824-849, 869-894 MHz), GSM 900/ETACS (872-915, 917-960 MHz), GSM 1800 (1710-1785, 1805-1880 MHz), PCS 1900 (1850-1990 MHz)
Horizontal Pattern	Omnidirectional
Antenna Type	Indoor
Electrical Down Tilt Option	Fixed
Gain, dBi (dBd)	2.14 (0)
Frequency Range, MHz	806-2700
Connector Type	N Female
Connector Location	Bottom
Mount Type	Fixed
Electrical Downtilt, deg	0
Horizontal Beamwidth, deg	360
Mounting Hardware	Universal Wall & Ceiling Mount
Gain (Omni), dBi (dBd)	2.14 (0)
VSWR	< 1.5:1
Vertical Beamwidth, deg	66
Polarization	Vertical
Maximum Power Input, W	50
Lightning protection	(N/A) Indoor Product

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Product Data Sheet for AO8818DC00-28T0 (Cont.)

MicroTenna™ Indoor Antenna

Dimensions - HxWxD, mm (in)	152 x 102 x 102 (6 x 4 x 4)
Weight w/o Mtg. Hardware, kg (lb)	Hdwr Included
Weight w/ Mtg. Hardware, kg (lb)	3.8 (1.5)
Radiating Element Material	Brass
Radome Material	ABS
Reflector Material	Aluminum
Max Wind Loading Area, m² (ft²)	N/A (Indoor Application)
Shipping Weight, kg (lb)	0.9 (2)
Shipping Dimensions of Accessory - HxWxD, m (ft)	Packed w/ Antenna
Shipping Mode	UPS
Packing Dimensions, HxWxD, mm (in)	305 x 305 x 229 (12 x 12 x 9)

Features/Benefits

- **Small size – aesthetically pleasing for indoor installations.**
- **Integrated Ceiling/Wall Mount for easy installation.**
- **Various patterns available to efficiently cover target area.**
- **Broadband model available – covers SMR, cellular, DCS and PCS with one Antenna.**

Note

Application = Indoor, ceiling

Pattern = Omni, Vertical pol. with null below antenna

Key = Single Monopole

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