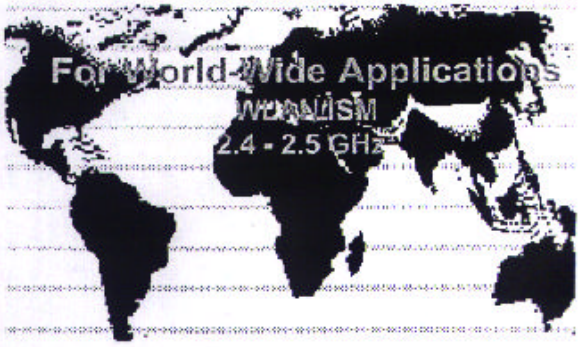
EXHIBIT 18: ANTENNA SPECIFICATIONS

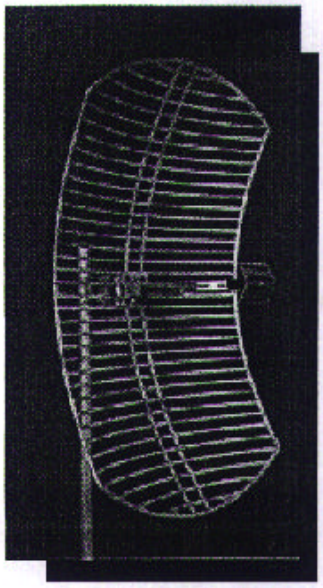
Wireless Antennas



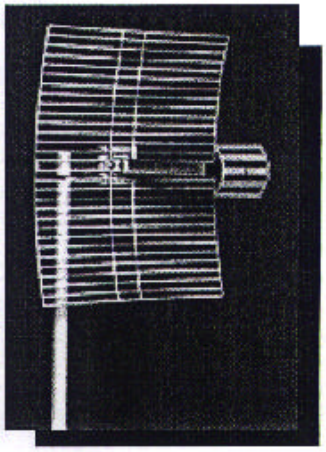
CONIFER II

MODEL
26T-2400*

26T-2400F
S/N: 884457



MODEL
18T-2400*



*U.S.Patent,19 ,350

FEATURES

- Die-cast18/26manufacturingprocesses
- MagnesiumAlloyissuperiortoanodizedaluminum andweighs33%less
- Lowwindloading
- Manufactured withnonferrousmaterials;magnesium alloy,stainlesssteelandaluminum
- Compactpackaging
- Nomechanicaladaptorsrequiredtomountthefeed
- Five Year Limited Warranty

BENEFITS

- Consistenthighperformancefromeveryantenna
- Lightestweightandmostdurablepcridantennas
- Operationalinmostallweatherenvironments
- Norust!
- Savesonshippingcosts
- Onefeedfitsbothantennas
- Guaranteedreliability

*Contactfactoryforotherfrequencyoptions.

CONIFER II®

URS ISO 9001

1400 N Roosevelt, Burlington, IA 52601
Phone 800-843-5419 (U.S.), 319-752-3607 (Int'l)
Fax 319-753-5506, email <conifer@conifercorp.com>

EXHIBIT 18: ANTENNA SPECIFICATIONS

PERFORMANCE SPECIFICATIONS*

	MODEL 18T-2400	MODEL 28T-2400
InputFrequency	2400-2500MHz	2400-2500MHz
Gain	18dBi	24dBi
-3dBBeamWidth	14°	7.5°
FronttoBackRatio	>23dB	>31dB
Polarity	Dual	Dual
CrossPolarityRejection	>23dB	>26dB
VSWR (Maximum)	1.4:1@2400-2500MHz	1.4:1@2400-2500MHz
Impedance@Output	50OHMS	50OHMS
Connector*N*Type**	Male	Male
CoaxialPigtail-RG8**	24inches	24inches
InputPower	50Watts	50Watts
Windloading @100MPH @140MPH	 38.4lbs. 77.9lbs.	 97.0lbs. 199.5lbs.
Elevation Adjustment	60°in10°Increments	60°in10°Increments
Size	16x20x15inches (40.64x50.80x38.10cm)	23.5x39.25x15inches (60.95x91.44x38.10cm)
Weight	2.7lbs. (1.22Kg)	5.4lbs. (2.43Kg)
ReflectorMaterial	CastMagnesiumAlloy	CastMagnesiumAlloy
MountingHardware	StainlessSteel	StainlessSteel
Mounting	1"-2"O.D.Mast (2.54-5.08cm)	1"-2"O.D.Mast (2.54-5.08cm)

*Specificationssubjecttochangewithoutnotice.
**Contactfactoryforotheroptions.

MANUFACTURED IN BURLINGTON, IOWA

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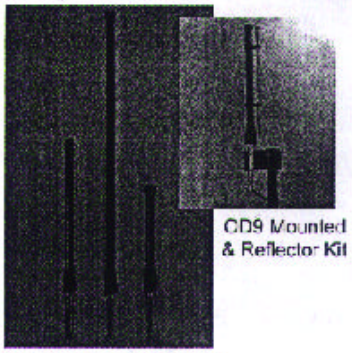
EXHIBIT 18: ANTENNA SPECIFICATIONS

Product Specifications



OD9, OD12, OD6 Shown

ODSeriesOmniAntenna

For WLAN, Video, PCS, and Data Systems

- 3dBi, 6dBi, 9dBi & 12dBi antennas provide uniform omni coverage
- Unique design allows economical buildout
- Mounting kit includes all hardware needed
- Reflector option provides directional beam shaping & increased performance

The ODSeries Antennas are optimized for use in a wide variety of wireless systems. Typical uses include WLAN access point or bridge, PCS Microcell, WLL and surveillance transmitters.

These antennas consist of a collinear array with elements stacked vertically. Unique phasing cancels out-of-phase current distribution, improving system performance. This design maintains an omnipattern in the horizontal plane. The ODSeries are free space antennas; no ground plane is required.

An option for the OD series is a reflector kit that beam shapes the omni pattern into a directional cardioid shape. This can result in improved directional gain, and isolation for reduced interference.

The low profile black radome (1" diameter) makes the antennas durable and rugged. They can withstand the harshest environments of snow, wind, rain and ice. The feedassembly is made of precision machined aluminum components and is nickel plated for weather protection. The antennas comes with all the hardware needed to install it to a mast. The OD antennas normally terminate with a female N connector. Optional models include pigtail cable with connector. For ISM, Part 15 compliant connectors are available (reverse polarized), please consult factory.

Model Numbers

Model	Freq. (MHz)	Gain	Applications
OD6-1800	1700-1900	6dBi	PCN, Surveillance
OD9-1800	1700-1900	9dBi	PCN, Surveillance
OD6-1900	1850-1990	6dBi	PCS, CDMA/TDMA
OD9-1900	1850-1990	9dBi	PCS, CDMA/TDMA
OD3-2400	2400-2485	3dBi	WLAN, ISM, Video
OD6-2400	2400-2485	6dBi	WLAN, ISM, Video
OD9-2400	2400-2485	9dBi	WLAN, ISM, Video
OD12-2400	2400-2485	12dBi	WLAN, ISM, Video

Frequencies subject to bandwidth constraints; confirm desired frequencies at time of order. For pigtail cable options and special frequencies please consult factory. For latest model numbers and configurations.

Reflector Options:	Model
Add-on kit for 6dBi models:	ODR6-Kit
Add-on kit for 9dBi models:	ODR9-Kit
Add-on kit for 12dBi models:	ODR12-Kit

Specifications

Frequency & Gain:	See above	Material:	Polycarbonate radome, aluminum feed
Bandwidth @ 2:1 SWR:	140 MHz, 85 MHz for OD12	Length/Weight:	
Nominal Impedance:	50 ohms	3dBi Models	16 inches, 1.5 lbs
Max. Power (continuous)	100 watts	6dBi Models	19 inches, 1.6 lbs
Vertical Beamwidth (-3 dB point):		9dBi Models	27 inches, 2.0 lbs
3dBi Model	55 degrees	12dBi Model	41 inches, 2.5 lbs
6dBi Models	25 degrees	Antenna Diameter	1" maximum
9dBi Models	14 degrees	OD Series Interface:	N female connector
12dBi Mode	7 degrees	Mounting Kit:	Mast mount kit included
Wind Loading (flat plate equiv.):	30-40 sq. inches	Mounting Dimensions:	Use mast up to 2" OD
Rated Wind Velocity:	100+ mph	Options:	Reflector Option Kit, Pigtail Cable Option, Part 15 Reverse Connectors
Lightning Protection:	External suggested		

US Office & Headquarters: 3900-B River Road, Schiller Park, IL 60176 Tel: 800-648-2800 or 847-671-6690 Fax: 847-671-6715
UK Office: 106 Anglesey Business Park, Hednesford, Staffs. WS12 5NR UK Tel: (+44) 1543-878343 Fax: (+44) 1543-871714
Visit our web page at: www.mobilemark.com. Specifications subject to change without notice (2/2000).

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The following RF Exposure compliance statement will be include in the test report.

RF EXPOSURE FOR ACCESSIBLE ANTENNA

⚠ WARNING: **To satisfy FCC RF exposure requirements for mobile transmitting devices, a separation distance of ???? cm or more should be maintained between the antenna of this device and persons during device operation. To ensure compliance, operations at closer than this distance is not recommended.**

????: will be evaluated after tests.