

MID-OHIO COMMUNICATIONS, INC.
Post Office Box 14
Westerville, Ohio 43081

December 17, 1991

Mr. David Ringer
1000 Urlin Ave., Unit #1017
Columbus, OH 43218

RE: Mid-Ohio Communications, Inc./WBBY-FM/Lease of Assets

Dear Mr. Ringer:

This correspondence is in regard to your recent inquiry pertaining to the lease of certain real property and personal property owned by Mid-Ohio Communications, Inc. or affiliated companies which is utilized in regard to the broadcast operation of WBBY-FM. You have indicated that you are planning to apply for the broadcast license of WBBY-FM, Westerville, Ohio, and this correspondence is to confirm that should the Federal Communications Commission award you the construction permit, Mid-Ohio Communications, Inc., the former licensee of WBBY-FM, is willing to negotiate appropriate leases with you for certain real property and personal property owned by Mid-Ohio Communications, Inc. or affiliated companies in the amount of Six Thousand Dollars (\$6,000.00) per month.

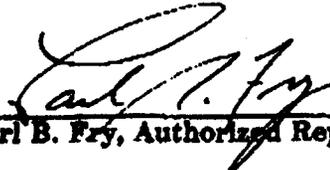
The real estate lease and equipment lease which would commence upon the FCC granting your construction permit would include the use of the tower site (tower and building) located at State Route 37, Sunbury, Ohio 43074; studio facilities located at 14 Dorchester Court, Westerville, Ohio 43081; and equipment utilized in the operation of the station. The equipment would include some or perhaps all of the equipment itemized in the inventory accompanying this correspondence. Failure to lease all of the equipment listed in the inventory will not result in a reduced lease package price. This correspondence conveys an intent to negotiate terms of lease agreements and does not in and of itself constitute lease agreements. Although it is contemplated that mutually acceptable terms will be negotiated in regard to the various leases, there is no guarantee of that occurrence.

Within sixty (60) days of the date of this letter, you must provide Mid-Ohio Communications, Inc. with a showing of financial qualifications satisfactory to Mid-Ohio Communications, Inc. for it to enter into the above-referenced leases. Mid-Ohio Communications, Inc. reserves the right to cancel this letter within sixty (60) days of receipt of your financial information. Notwithstanding the above, at the time you receive the construction permit, Mid-Ohio Communications, Inc. reserves the right to again review your financial condition to determine if you then have financial qualifications satisfactory to Mid-Ohio Communications, Inc. to enter into the above-referenced leases. In regard to a showing of financial strength, if the lessee is a corporation, the principals of lessee will have to personally sign unconditional guarantees in regard to the lease obligations.

Mid-Ohio Communications, Inc. hereby grants you the authority to specify WBBY-FM's transmitter location in your FCC application. We wish you the best of luck in your application for licensure being prepared for filing with the Federal Communications Commission.

Sincerely,

MID-OHIO COMMUNICATIONS, INC.

By: 
Carl B. Fry, Authorized Representative

Attachment

MBRY INVENTORY 12/91FRONT OFFICEFIRST FLOOR

Item

- 1 Double pedestal metal desk
- 1 Brown Steno chair
- 1 Black side chair
- 2 2 Drawer metal filing cabinet
- 1 Panasonic T35 Typewriter
- 1 AT & T PC6300 computer and terminal w/printer
- 1 Sanyo CY5000 DP Calculator
- 1 Bostich EP5 Electric pencil sharpener

LOBBY

- 2 Waiting room side chairs (wood & rust)
- 1 table w/ glass top

SALES OFFICE

- 6 desks (4 double pedestal & 2 single pedestal)
- 7 Steno chairs
- 1 wooden desk (computer table)
- 3 4 Drawer file cabinets
- 3 Wall dividers
- 1 Eureka Mighty Mite cleaner
- 1 Panasonic jetflo sweeper
- 1 Kodak Slide projector in case
- 1 36 slot sales cabinet
- 1 IBM selectric typewriter
- 1 Epson equity II+ Computer & terminal
- 1 Panasonic KX-P1124 24pin Multi-node Printer
- 1 Hewlett Packard Desk Jet Printer

SALES MANAGERS OFFICE

- 1 Double pedestal desk
- 1 Gray executive chair
- 1 gold side chair
- 2 2 drawer file cabinets
- 1 Glass end table
- 1 Brass table lamp

GENERAL MANAGER OFFICE

- 1 Wooden double Pedestal desk
- 1 Blue executive chair
- 2 Blue side chairs
- 1 2 drawer file cabinet
- 1 Wooden top (credenza type)
- 1 Brass lamp
- 1 Telex Copyette

CONFERENCE ROOM

- 1 Conference table
- 6 side arm chairs
- 1 Credenza
- 1 Sharp SF750 Copier
- 1 Zenith 19" color TV
- 1 Zenith Video tape recorder
- 1 panasonic Microwave oven
- 1 GE small refrigerator
- 1 Presentation board w/ easel
- 1 WBBY old clock

PUBLIC SERVICE OFFICE**SECOND FLOOR**

- 1 Double Pedestal desk
- 2 Steno Chairs
- 1 Diablo printer
- 1 File cabinet
- 1 Panasonic typewriter
- 1 Olivetti 35 typewriter
- 1 Sanyo small refrigerator
- 1 Samsung Classic Microwave oven

MUSIC LIBRARY

- 1 Wood table
- 2 Steno chairs
- 1 Single pedestal desk
- 1 Magnavox CD player
- 1 Toshiba receiver
- 1 AT&T Computer & terminal
- 1 Epson LX810 Printer

PROGRAM DIRECTORS OFFICE

- 1 Double pedestal desk
- 1 Steno chair
- 1 4 drawer file cabinet
- 2 Side chairs
- 1 Utility table
- 1 Stereo table
- 1 Technics Quartz Turntable/synthesizer
- 1 Onkyo Entegra Integrated Amp
- 1 Sony C D Player
- 2 SBL Speakers

STUDIOS

- 1 Metal Table
- 1 Steno chair
- 4 Side chairs
- 1 Apple Computer w/ C Itoh Printer
- 1 Panasonic electronic modular switching system
- 1 Code-A-Phone (FVM 7530)

MISCELLANEOUS

- 1 Cobra Scanner #SR900
- 1 Randix Stereo AM/FM Cassette
- 1 Realistic AM/FM Receiver
- 1 Set of Greenwood Sales Teaching books/tapes
- 1 Panasonic portable AM/FM Cassette
- 1 Paper Cutter
- 2 Large waste baskets
- 13 Waste basket
- 15 Large plastic desk floor mats

WBBY ELECTRONIC INVENTORY 12/91

<u>NAME</u>	<u>TYPE</u>	<u>ITEM</u>	<u>NUMBER</u>
<u>CONTROL ROOM STUDIO</u>			
TECHNICS	SP10MK2A	TURNTABLES	3
TECHNICS	SH10EA	POWER UNIT	3
RANKO	SP8E	TURNTABLE AMP	1
STANTON	310	POWER BOOST/FILTER	2
TECHNICS	1500	2 TRACK REEL/RECORDER	1
BROADCAST AUDIO	SERIES IV	AUDIO CONSOLE	1
CONREX	LXR	RECORDER UNIT	1
FURMAN		STRIP EQUALIZER	1
CARVER	TD1200	CASSETTE TAPE DECK	1
DYNAMAX	CTR10	RECORD PLAY CART DECK	1
DYNAMAX	CTR10	PLAYBACK CART DECK	4
FIDELIPAC	TABLE	TAPE ERASER	1
ELECTRO-VOICE	RE-20	MICROPHONE	2
REALISTIC NOVA	40	HEADSETS	1
BIC VENTURI	FORMULA2	MONITOR SPEAKER	2
RADIO SYSTEMS	TM-1	TABLETOP TIMER	1
STUDER	A727	COMPACT DISC PLAYER	3
REALISTIC MINIMUS	3.5	CUE SPEAKER	2
<u>NEWS STUDIO</u>			
DYNAMAX	CTR10	PLAYBACK CART DECK	1
TECHNICS	SP15	TURNTABLE	1
RANKO	SP8E	TURNTABLE PRE-AMP	1
ELECTRO-VOICE	REZO	MICROPHONE	1
REALISTIC NOVA	40	HEADSET	1
REALISTIC MINIMUS	3.5	MONITOR SPEAKER	2
FIDELPAC	TABLETOP	ERASER	1
<u>PRODUCTION STUDIO</u>			
RADIO SYSTEMS	TM-1	TIMER	1
REALISTIC MINIMUS	0.3	CUE SPEAKER	2
EPI	AZO	MONITOR SPEAKERS	2
TECHNICS	SP15	TURNTABLE	2
RANKO	SP8E	TURNTABLE PRE-AMP	2
ELECTRO-VOICE	REZO	MICROPHONE	1
TEAC	C3RX	CASSETTE RECORDER	1
STUDER	A725	COMPACT DISC PLAYER	2
DYNAMAX	CTR10	RECORD/PLAY CART DECK	1
DYNAMAX	CTR10	PLAYBACK CART DECK	2

PRODUCTION STUDIO CONT'D**BROADCAST AUDIO**

LEXICON	PCM60	12 CHANNEL AUDIO COM.	1
TECHNICS	SH8065	DIGITAL REVER UNIT	1
OTARI	MX5050	ST.GRAPHIC EQUALIZER	1
AMPEX	ATR700	4 CH. REEL RECORDER	1
FIDELPAC	TABLETOP	2 CH. REEL RECORDER	1
		ERASER	1

ENGINEERING

MARTI	RR SERIES	RECEIVER	1
GEMINI	MR-2	ANTENNA POSITIONER	1
MARTI	STL	TRANSMITTER UNIT	2
FAIRCHILD	DART 384	RECEIVER	1
APHEX		COMPPELLOR	1
REALISTIC	35 WATT	PA AMPLIFIER	1
MARTI	PRT SERIES	REMOTE P.U. TRANS.	1
TECHNICS	SLQ2	TURNTABLE	1
SONY	CDP-302	C D PLAYER	1
ONKYO/INTEGRA	A8057	STEREO AMP	1
JBL	J320A	STEREO SPEAKER	2

MID-OHIO COMMUNICATIONS, INC.
Post Office Box 14
Westerville, Ohio 43081

December 24, 1991

Mr. David Ringer
1000 Urtin Avenue, Unit #1017
Columbus, OH 43212

RE: Mid-Ohio Communications, Inc.
WBEY-FM
Lease of Assets

Dear Mr. Ringer:

Enclosed herewith is an addendum to the Inventory previously provided to you.

Sincerely,

MID-OHIO COMMUNICATIONS, INC.

By: Carl B Fry
Carl B. Fry
Authorized Representative

Attachment

cc: Art Belendiuk, Esq.

DEC 24 '91 11:14 FRY

WBYY SUNBURY EQUIPMENT LIST

LOCATIONS: C=CONTROL
T=TRANSMITTER

- C TECHNICS SP 10 MKII TURNTABLE (2)
- C TECHNICS SH 10E POWER UNIT (2)
- C REALISTIC TURNTABLE PREAMP (2)
- C STUDER A725 CD PLAYER (1)
- C AUDICORD E SERIES RECORD CART (1)
- C AUDICORD E SERIES PLAY CART (2)
- C MCMARTIN AUDIO CONSOLE (1)
- C ELECTROVOICE RE-16 MIC (1)
- C PANASONIC SPEAKERS (2)
- C PIONEER REEL TO REEL PLAYER (1)
- C SUNBURY/WESTERVILLE AUDIO CNTRL (1)
- C KENWOOD CASSETTE DECK (1)

- T PIONEER RECIEVER (1)
- T DELTA COAXIAL SWITCH (1)
- T COAXIAL SWITCH LOCAL CONTROL PANEL (1)
- T MARTI RMC 15 REMOTE CONTROL (1)
- T MARTI RY 15 RELAY INTERFACE (1)
- T MARTI SCG 8H SCA GENERATOR (1)
- T ORBAN OPTIMOD 8100 a (1)
- T MARTI RPU RECEIVER (1)
- T INVONICS FMX GENERATOR (1)
- T MARTI STL 10 RECEIVER (2)
- T BIRD THMLINE WATTMETER (1)
- T BIRD 5KW DUMMY LOAD (1)
- T HARRIS 2.5 K TRANSMITTER W/MS 15 (1)
- T HARRIS 3.5 k TRANSMITTER W/MX15 (1)
- T TOWER + 2BAY ANTENNA (1)

ATTACHMENT 5

AUXILIARY POWER

David A. Ringer will install auxiliary power generators at both the studio and transmitter locations.

DECLARATION

I, David A. Ringer, declare under penalty of perjury that all of the facts stated in David A. Ringer Exhibit 3, "Auxiliary Power," are, to the best of my personal knowledge, true and correct.

Executed this 3rd day of August, 1993.

David A. Ringer
David A. Ringer

ATTACHMENT 6

COPY

**BEFORE THE
FEDERAL COMMUNICATIONS COMMISSION**

In re Applications of:)	MM DOCKET NO. 93-107
DAVID A. RINGER)	File No. BPH-911230MA
ASF BROADCASTING CORPORATION)	File No. BPH-911230MB
WILBURN INDUSTRIES, INC.)	File No. BPH-911230MC
KYONG JA MATCHAK)	File No. BPH-911230MF
WESTERVILLE BROADCASTING COMPANY LIMITED PARTNERSHIP)	File No. BPH-911231MB
OHIO RADIO ASSOCIATES, INC.)	File No. BPH-911231MC
For a Construction Permit for a New FM Station on Channel 280A at Westerville, Ohio)	

Washington, D.C.

Friday, July 16, 1993

Deposition of

DAVID A. RINGER

a witness of lawful age, taken on behalf of the Applicants in the above-entitled action before Oveda V. Hancock, a Notary Public in and for the District of Columbia, pursuant to Notice, in the offices of Smithwick & Belendiuk, 1990 M Street, N.W., Suite 510, Washington, D.C. 20036.

**BETA REPORTING COMPANY
(703) 684-BETA
(202) 347-2382
1-800-522-BETA**

1 Turnkey System.

2 Q Okay, good.

3 One other question. There was some talk about
4 you using a directional antenna, okay. You were specifying
5 a directional antenna. Does your business plan allow for
6 you to acquire a directional antenna?

7 A Inasmuch as I have miscellaneous expenses and my
8 belief is that my miscellaneous expenses are in excess of
9 the amount of a directional antenna.

10 Q Okay. You have \$50,000 budgeted for
11 miscellaneous expenses?

12 A That's right.

13 Q That is a fairly high figure.

14 MR. KRAVETZ: Objection as to characterizing the
15 nature of the figure.

16 MR. BELENDIUK: Well, duly noted.

17 BY MR. BELENDIUK:

18 Q What was your purpose for going with a \$50,000
19 figure?

20 A It's a contingency fee for anything I may have
21 left out of my business plan.

22 MR. BELENDIUK: I don't have any other questions.

1 MR. KRAVETZ: I have some recross based on that.

2 FURTHER EXAMINATION BY COUNSEL FOR WILBURN INDUSTRIES

3 BY MR. KRAVETZ:

4 Q Do you know the cost of a directional antenna, a
5 three-bay directional antenna?

6 A I'm going to say less than \$7,000.

7 Q Total? For a new antenna? What is that based
8 on?

9 A My experience.

10 Q What experience do you have?

11 A Just -- I don't know, I just remember that it's
12 about \$6,000 or \$7,000.

13 Q Do you know what a nondirectional antenna costs?

14 A Probably less than that -- no, I don't, not a
15 real number on that.

16 Q You don't know a number for a nondirectional
17 antenna, but you know a number for a directional antenna?

18 A I would say the nondirectional antenna --

19 Q No. You would say based on what?

20 A Well, my experience in broadcast is
21 nondirectional is about the same.

22 Q You are saying that a directional antenna doesn't

BETA REPORTING COMPANY

(703) 684-BETA

(202) 347-2382

1-800-522-BETA

1 cost any more than a nondirectional antenna; is that
2 correct?

3 A From just recollection without --

4 Q Recollection from what?

5 A Just my own experience in the broadcast industry.

6 Q Has your experience involved buying a directional
7 antenna?

8 A I was quoted a price, in another unrelated
9 venture, that a nondirectional antenna was \$6,000.

10 Q What other venture?

11 A Oh, it had nothing to do -- it was just another
12 person who owns a radio station and he said he had a
13 nondirectional -- he has a directional antenna laying under
14 his building and he can't put it up because he doesn't have
15 the \$6,000.

16 Q It takes \$6,000 to put up a directional antenna?

17 A No, to pay for this antenna.

18 Q You mean he possesses an antenna and he hasn't
19 paid for it?

20 MR. BELENDIUK: Oh, come on. This is going too
21 far.

22 MR. KRAVETZ: This is not. What kind of answer

1 sentence on that page?

2 A Oh, okay. Yes, it does, okay. Right, okay.
3 "The proposed antenna will be a Gen Port JSC3 CP3 3-bay
4 circular polarized directional antenna."

5 Q Okay. That's fine. Mr. Ringer, I'm going to
6 show you a page, which I think you've seen previously.
7 It's a list of equipment which I think has been identified
8 as the list supplied by Mr. Fry, or the supplemental list
9 supplied by Mr. Fry, in December 1991. I'd ask you to take
10 a look at that.

11 (The witness examined the document.)

12 THE WITNESS: Okay.

13 BY MR. KOERNER:

14 Q Can you see anything on there indicating what
15 type of antenna WBBY had?

16 A Tower and two-bay antenna.

17 Q All right. That's fine. Now, you're proposing
18 a 3-bay antenna; is that correct?

19 A That is according to this, engineering.

20 Q Is there anyplace in your Business Plan where you
21 have provided for a different type of antenna?

22 A No.

1 Were there two?

2 THE WITNESS: Right.

3 MR. BELENDIUK: In other words, if you're going
4 to represent that you are handing him the complete
5 equipment list, you have to hand him the second letter, as
6 well.

7 MR. YELVERTON: Okay. I'm not certain whether I
8 have the first or second letter.

9 BY MR. YELVERTON:

10 Q Mr. Ringer, do you have any recollection that
11 auxiliary power generators were included in either list?

12 A I do. Yes, as I recall the question -- or as I
13 recall looking at the list, and without looking at the list
14 now, there were auxiliary power generators.

15 Q Do you recall whether it was the first list or
16 second list.

17 A The second list.

18 MR. YELVERTON: Can we go off the record?

19 (A discussion was held off the record.)

20 BY MR. YELVERTON:

21 Q Mr. Ringer, I have in front of me a letter of
22 December 24, 1991, addressed to you, from Carl Fry, which

1 says: "Enclosed herewith is an addendum to the inventory
2 previously provided to you."

3 A Yes.

4 Q Is this the second list you were referring to?

5 A Yes, sir.

6 MR. YELVERTON: Okay. I am going to hand to
7 Mr. Ringer a copy of this list.

8 BY MR. YELVERTON:

9 Q Could you take few seconds, and tell us what
10 entry in there would refer to auxiliary power generators?

11 (The witness examined the document.)

12 THE WITNESS: Okay. This has the transmitter,
13 for sure. In the second section -- my understanding was
14 that it was on this list, and I'm pointing to it.

15 MR. BELENDIUK: FMX generator. That sounds like
16 an auxiliary generator to me but I'm not --

17 MR. YELVERTON: Okay. Are we on the record?

18 THE WITNESS: Yes. I mean, I'm assuming that
19 this is an auxiliary power generator.

20 MR. BELENDIUK: I mean, just for the record, he
21 did point to it.

22 BY MR. YELVERTON:

1 Q Okay. Could you tell us on the record what you
2 believe to be an auxiliary generator on this inventory
3 list?

4 A The IVONICS FMX generator, item number one, or it
5 says "T IVONICS FMS Generator 1"

6 Q Did you ever make any specific inquiry of Mr. Fry
7 or anybody associated with WBBY as to whether your
8 assumption was correct, that this included an auxiliary
9 generator?

10 A No, no.

11 Q Would you agree that -- strike that question.
12 Did you make provision anywhere in your Business Plan,
13 otherwise for a cost of auxiliary generators?

14 A We have a miscellaneous expense account of
15 \$50,000.

16 Q As of December 1991, did you have any
17 understanding of how much auxiliary generators would cost?

18 A From my own experience, in a used market, \$30,000
19 or less.

20 Q I would like to turn your attention to copies of
21 some bank records that were turned over in document
22 production. I have one item referencing your account,

ATTACHMENT 7



July 12, 1993

Mr. Dan Alpert
1250 Connecticut Ave., N.W.
7th Floor
Washington, DC 20036

Dear Mr. Alpert:

In connection with the Typical Class A 6kW proposal which you received from us last week, here are estimates on the additional items you requested:

(2) Emergency Stand-By Power Generators, \$16,000 each, \$32,000 total

Installation, \$35,000

Please feel free to contact us again if we can provide you with additional information or assistance at this time.

Sincerely,

A handwritten signature in cursive script that reads 'Lynda Baker'.

Lynda Baker
Senior Sales Administrator
North America Radio Sales Administration

ATTACHMENT 8



6340 Sky Creek Drive, Sacramento, California 95828
 P.O. Box 292880, Sacramento, California 95829-2880

(916) 383-1177 FAX (916) 383-1182

Proposal prepared for:

Dan Alpert
 1250 Connecticut Avenue N.W.
 Washington, D.C. 20036
 FOR: CH. 280-A Westerville, OH

Date: 8/17/93 Proposal #: mdy81793
 Valid for : 90 days
 Terms of sale: 1/3 rd DOWN BB4
 Proposed shipment: 45-60 days LARO

ITEM	QTY	PART#	DESCRIPTION	PRICE
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1	1	JSCP-3DA	JAMPRO JSCP-3DA Circular Polarized directional FM Broadcast Antenna system, to be factory tuned on a similar tower structure to customer specified frequency. -VSWR 1.1:1 +/- 200 KHz -Input power rating of 30 KW -Estimated power gain 1.5/7.6 dBd	\$19,375
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JAMPRO will install a single bay of the JSCP-3DA antenna on a duplication of the customer's tower on JAMPRO's full scale test range. Price quoted includes a maximum of 5 days of pattern development. Any additional days requested or required will be at a rate of \$1,750.00 per day. Price quoted includes: JSCP-3DA antenna, up to 5 days of pattern work, FCC certification, mounting brackets, parasitic reflectors.

OPTION # 1 Electrical delcers for protection from environmental damage \$2,075

OPTION #2 Protective radomes for protection from environmental damage \$2,375

NOTE: JAMPRO ANTENNAS, INC. completely assembles and VSWR tunes all of its antennas prior to shipping. Tuning is done on a predetermined JAMPRO tuning tower that best simulates the stations. VSWR tuning on a duplication of your tower is available, however this will result in an additional charge; contact JAMPRO for details. VSWR can be affected by differences in the tower structure, some field tuning may be required. JAMPRO provides field tuning services; contact factory for pricing.

Proposal submitted by:

Proposal accepted by:

Marlene D. Young Date: 8/17/93

Dan Alpert Date: _____

Marketing/Sales Administrator
 JAMPRO ANTENNAS, INC.

All Prices are list price and F.O.B. Manufacturers shipping point.

This proposal, when accepted by JAMPRO ANTENNAS, INC. constitutes a binding agreement, consisting of the following:

1. All information contained on this page
2. The general terms and conditions of sale attached to this proposal.
3. The limited warranty and limitation on damages attached to this proposal.

All of these pages contain important provisions which affect your legal rights, read all of the pages carefully before signing and submitting this proposal to JAMPRO ANTENNAS, INC.

JAMPRO JSCP FM Broadcast Antenna

# Bays	Power Gain	Gain (dB)	FS @ 1 Mile 1 KW MV/M	Safe Power Rating (KW)	Net Weight (lbs.)	Windload (lbs.)
1	.46	-3.97	93.2	10	36	44
Deicers					44	55
Radomes					66	164
2	1.0	0.0	136.7	20	158	210
Deicers					173	234
Radomes					215	448
3	1.5	1.76	166.4	30	260	341
Deicers					276	369
Radomes					340	609
4	2.1	3.22	199.2	40	346	471
Deicers					380	544
Radomes					466	950
5	2.7	4.91	225.2	40	441	602
Deicers					484	688
Radomes					591	1200
6	3.2	5.05	246.0	40	537	733
Deicers					585	854
Radomes					717	1461
8	4.3	6.34	285.2	40	726	995
Deicers					796	1164
Radomes					966	1952
10	5.5	7.40	322.4	40	919	1257
Deicers					1004	1475
Radomes					1219	2453
12	6.6	8.20	353.2	40	1110	1519
Deicers					1213	1785
Radomes					1470	2954

Notes:

- Weights and windloads shown include standard leg mounting brackets and feed lines.
- Windloads based on 50/33 PSF (96 MHz-midband)
- Feed points, when end fed, 3 ft. below bottom bay. When center fed 8 ft. below center.
- All inputs EIA flange, female.
- Power derating occurs above 2,000 ft. elevation. Contact factory for details.
- Power and dB gains are typical for horizontal and vertical components.
- Special mounting brackets available.
- Other combinations of EIA inputs and power rating available.
- Free space azimuth circularity is +/- 2 dB.
- Polarization is right hand, clockwise, circular.
- Power gain is based on half wave dipole in free space.

Options

Options available include FCC Directionalization, Pattern Measurement Service, beam tilt, null fill, and special mounting brackets.

Since many factors contribute to a station's compliance with the FCC exposure guidelines for radio frequency radiation, JAMPRO ANTENNAS, INC. cannot accept any responsibility in this matter. The station must examine and determine its status based on each individual situation. For reduced low angle radiation near the tower, a low RFR model of this antenna is available. Contact the factory for pricing data and further details.

All specifications subject to change.

P.O. Box 292880

Sacramento, CA 95829-2880

Phone (916) 383-1177 Fax (916) 383-1182