

STATE MS.-DESOTO CO.

JUN 24 10 09 AM '03

BK 99 PG 247
M. DAVIS CH. CLK.

ps
pa

After recording, please return to:
Asset Manager
Crown Castle USA, Inc.
2000 Corporate Drive
Canonsburg, PA 15317

Indexing Cross Reference:
See Exhibit A

STATE OF MISSISSIPPI)
)
COUNTY OF DESOTO)

SITE DESIGNATION SUPPLEMENT
AND
MEMORANDUM OF SUBLEASE

THIS SITE DESIGNATION SUPPLEMENT AND MEMORANDUM OF SUBLEASE (the "**Supplement**"), made effective as of the Site Commencement Date (as defined below), by and between **BELLSOUTH MOBILITY LLC**, a Georgia Limited Liability Company d/b/a Cingular Wireless, which is the successor to BellSouth Mobility Inc, a Georgia corporation, with a principal address at ~~1100 Peachtree Street, Suite 800, Atlanta, Georgia 30309~~, Attn: Real Estate Department ("**Transferring Entity**"), and **CROWN CASTLE SOUTH LLC**, a Delaware limited liability company, with a principal address at c/o Crown Communication Inc., 2000 Corporate Drive, Canonsburg, Pennsylvania 15317, Attn: Real Estate Department ("**TowerCo**").

*6100 ATLANTA BLVD
NORCROSS, GA 30071*

WITNESSETH:

2007

WHEREAS, reference is hereby made to that certain Sublease dated June 1, 1999 (the "**Sublease**"), by and among Transferring Entity, the other transferring entities named therein, Crown Castle International Corp., a Delaware corporation, and TowerCo;

Site Name: Olive Branch South
Site Number: MEM-177
MS Leased Site: 801147

Prepared by: C.Slemp
Prepared on: 02/26/02

Version 1/24/02

WHEREAS, the parties desire that the terms and conditions of the Sublease shall govern the relationship of the parties under this Supplement, and each party executing this Supplement that is not an original party to the Sublease hereby ratifies and agrees to be bound by and perform the obligations applicable to such party as set forth in the Sublease and this Supplement; and

WHEREAS, pursuant to that certain lease between Randall C. Tennial & Ardelia Tennial (the "**Ground Lessor**") and Transferring Entity, dated March 29, 2000 (as may have been amended, the "**Ground Lease**"), the recorded copy or memorandum of which is referred to in **Exhibit A**, Transferring Entity is the lessee of that certain real property described therein, and the owner of certain improvements located thereon as more particularly described on **Exhibits B, C and D** attached hereto and incorporated herein by reference (the "**Site**");

NOW, THEREFORE, for valuable consideration, the receipt, adequacy and sufficiency of which is hereby acknowledged by the parties hereto, the parties hereby agree as follows:

1. **Sublease and Defined Terms**. Unless otherwise defined herein, capitalized terms shall have the meaning set forth in the Sublease. The parties agree that, except as otherwise set forth herein, the terms and conditions of the Sublease shall govern the relationship of the parties under this Supplement and the Sublease is incorporated herein by reference. In the event of a conflict or inconsistency between the terms of the Sublease and this Supplement, the terms of the Sublease shall govern and control, except as expressly set forth herein.

2. **Demise**. Pursuant to the Sublease, Transferring Entity hereby subleases to TowerCo, and TowerCo hereby subleases from Transferring Entity, the Subleased Property of the Site.

3. **Reserved Space**. TowerCo hereby expressly acknowledges that, in accordance with the Sublease, the Subleased Property does not include, and the Transferring Entity has reserved and excepted from the Sublease pursuant to this Supplement, the Reserved Space as shown on **Exhibits B, C and D** attached hereto and incorporated herein by this reference. Notwithstanding any errors or imprecisions in the descriptions and depictions set forth on **Exhibits B, C and D** attached hereto and incorporated herein by this reference, TowerCo further expressly acknowledges that the Reserved Space includes, without limitation, all portions of the Site utilized or occupied by the Transferring Entity or any other BMI Affiliate as of the date of this Supplement for the use, enjoyment, operation or maintenance of its Communications Facility. TowerCo further expressly acknowledges that, in accordance with the Sublease, the Reserved Space includes, without limitation: (i) the Transferring Entity's Improvements set forth in **Exhibit E** attached hereto; (ii) the nonexclusive rights of ingress to and egress from the entire Site, and access to the entire Tower and all Improvements (including any and all easements), at such times (on a 24-hour, seven (7) day per week basis), to such extent, and in such means and manner (on foot or by motor vehicle) as the Transferring Entity deems necessary or desirable for its full use and enjoyment of the Reserved Space; (iii) the right to use any portion of the Subleased Property, including the Land and Improvements thereof, for purposes of temporary location and storage of any equipment (including Communications Equipment) and any part thereof in connection with

Site Name: Olive Branch South
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MS Leased Site: 801147

Prepared by: C.Slemp
Prepared on: 02/26/02

performing any repairs or replacements of the Improvements; and (iv) any and all rights pursuant to **Sections 5(c) and 25** of the Sublease and all appurtenant rights reasonably inferable to permit the Transferring Entity's full use and enjoyment of the Reserved Space, including without limitation, the appurtenances specifically described in **Section 5** of the Sublease. For purposes of **Section 25** of the Sublease, the weights and sail area of the panel antennas comprising a portion of Transferring Entity's Tower-mounted Communications Equipment is set forth on **Exhibit F**. In addition to and not in limitation of the foregoing, the Reserved Space of the Site also includes (i) space for, and shall be capable of supporting: (x) up to twelve (12) panel antennas consistent with the twelve (12) panel antenna arrays and related equipment specified in Annex B to the Construction Agreement, regardless of the actual number of antennas and related equipment placed on the Reserved Space of the Site at the time of the execution hereof, and (y) a microwave dish placed seventeen feet (17') below (measured center-line to center-line) the location of such panels, subject to **Section 5** of the Sublease, and (ii) a sector frame for such antennas.

4. **Term/Site Commencement Date.** The Term of the Sublease as to the Subleased Property of the Site pursuant to this Supplement shall commence effective as of November 29, 2001 (the "**Site Commencement Date**") and shall terminate on the date which is one day before the Ground Lease expires in accordance with its terms (including any extensions or renewals thereof), unless terminated earlier in accordance with the terms of the Sublease.

5. **Rent.** TowerCo shall pay to BMI the Site Payment calculated in accordance with **Section 11** of the Sublease.

6. **Notice.** All notices hereunder shall be deemed validly given if given in accordance with the Sublease.

7. **Governing Law.** Notwithstanding the terms of the Sublease, this Supplement shall be governed by and construed in accordance with the laws of the State in which the Subleased Property is located.

8. **Modifications.** This Supplement shall not be amended, supplemented or modified in any respect, except pursuant to written agreement duly executed by the parties in the same manner in which the Sublease was executed.

9. **Counterparts.** This Supplement may be executed in several counterparts, each of which shall be deemed an original, and all of such counterparts together shall constitute one and the same instrument.

Site Name: Olive Branch South
Site Number: MEM-177
MS Leased Site: 801147

Prepared by: C.Slemp
Prepared on: 02/26/02

IN WITNESS WHEREOF, the parties hereto have set their hands as of the Site Commencement Date, as defined above.

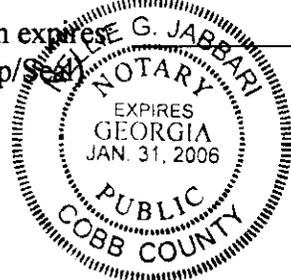
BELLSOUTH MOBILITY LLC
a Georgia Limited Liability Company
d/b/a Cingular Wireless

By: Shelley A. Dieter
Name: _____
Title: _____
Shelley A. Dieter
Senior Manager - Crown Program

STATE OF Georgia)
)
COUNTY OF Cobb)

Personally appeared before me, the undersigned authority in and for said County and State, on this 3 day of June, 2003, within my jurisdiction, the within named Shelley A. Dieter, who acknowledged that he/she is the Senior Manager - Crown Program of BellSouth Mobility LLC, a Georgia Limited Liability Company d/b/a Cingular Wireless, and that in said representative capacity he/she executed the above and foregoing instrument, after first having been duly authorized so to do.

Charles A. Jabbari
Notary Public
My commission expires _____
(Notarial Stamp/Seal)



Site Name: Olive Branch South
Site Number: Olive Branch South
MS Leased Site: 801147

Prepared by: C.Slemp
Prepared on: 02/26/02

EXHIBIT A

SITE DESCRIPTION

See attached recorded Ground Lease and/or recorded Memorandum of Ground Lease.

Site Name: Olive Branch South
Site Number: Olive Branch South
MS Leased Site: 801147

A-1

Prepared by: C.Slemp
Prepared on: 02/26/02

MEM OBS
Olive Branch South
801147

P BK 92 PG 66

This instrument prepared by:
Bault, Cummings, Conners & Berry, PLLC
414 Union Street, Suite 1100
Nashville, TN 37219
615-252-3840

MEMORANDUM OF LEASE

This Memorandum of Lease is by and between **RANDALL C. TENNIAL** and **ARDELIA TENNIAL** (collectively "Lessor") and **BELLSOUTH MOBILITY INC.**, a Georgia corporation ("Tenant"), pursuant to which Lessor has demised to Tenant, and Tenant has accepted such demise from Lessor, the Premises upon the following terms:

Date of Lease: March 29, 2000

Description of Property: See Exhibit "A" attached hereto and incorporated herein by reference.

Term: Five (5) year initial term, with four (4) additional extended terms of five (5) years each, for a total of twenty-five (25) years, including extensions and renewals, if any.

Commencement Date: December 1, 2000

STATE MS. - DESOTO CO.
FILED
Nov 27 2 37 PM '01

BK 92 PG 66

The purpose of this Memorandum of Lease is to give record notice of the Lease and of the rights created, all of which are hereby confirmed and all terms of which are incorporated into this Memorandum of Lease by reference. Lessor further grants and conveys unto Tenant, its heirs, successors and assigns, for the term of the Lease, the easements described in Exhibit "A".

IN WITNESS WHEREOF, the parties have executed this Memorandum of Lease as of the dates set forth in their respective acknowledgments.

Signed, sealed and delivered in the presence of:

LESSOR:
RANDALL C. TENNIAL and
ARDELIA TENNIAL

Jerry Lutz
Nancy M. Woods (SEAL)
Witness

[Signature] (SEAL)
Witness

Randall C. Tennial
Name: Randall C. Tennial

Ardelia Tennial
Name: Ardelia Tennial

Date: 3/29/00

By (Initials) SC Date 12/10/01 BUN 801147

COB update Lease/License # 47184 Site ID _____ Doc Type L

State of Mississippi)
)
County of DeSoto)

P BK 92 PG 67

Personally appeared before me, the undersigned authority in and for the said county and state, on this 29th day of MARCH, 2000, within my jurisdiction, the within named Randall C. Tennial and Ardelia Tennial, who acknowledged that they executed the above and foregoing instrument.

Jimmy M. Woods
Notary Public

MISSISSIPPI STATEWIDE NOTARY PUBLIC
MY COMMISSION EXPIRES JULY 22, 2003
BONDED THRU STEGALL-NOTARY SERVICE

My Commission Expires: _____

Signed, sealed and delivered
in the presence of:

Angel Spradlin (SEAL)
Witness

Lauriana McElroy (SEAL)
Witness

SM TENANT:
BELLSOUTH MOBILITY INC

Stephen A. Brake
Name: Stephen A. Brake,
Assistant Vice President

Title: _____

Date: 6-30-00

State of Georgia)
County of Georgia)

Personally appeared before me, the undersigned authority in and for the said county and state, on this 5 day of July, 2000, within my jurisdiction, the within named Stephen A. Brake who acknowledged that he/she is Asst. Vice Pres. of BellSouth Mobility Inc., a Georgia corporation, and that for and on behalf of the said corporation, and as its act and deed he/she executed the above and foregoing instrument after first having been duly authorized by said corporation so to do.

Debbie Sand
Notary Public

My Commission Expires: 3-7-2004

P BK 92 PG 68

R.C.T. A.T.
AB

EXHIBIT A

A ten thousand square feet parcel of land located in DeSoto County, known as Tax Map 254, Section 20, Parcel 21.1, more particularly described on the site sketch attached hereto. Said property is further described in Deed Book 360, page 547, DeSoto County Register's Office.

ATLLIB01 772871.5

0633918.01
100462-189 03/22/2000
Crown/BMI/Build To Suit

EXHIBIT B

SITE PLAN

See attached "as built" site plan showing the portion of the Site that is part of the Reserved Space.

Site Name: Olive Branch South
Site Number: Olive Branch South
MS Leased Site: 801147

B-1

Prepared by: C.Slemp
Prepared on: 02/26/02

EXHIBIT C

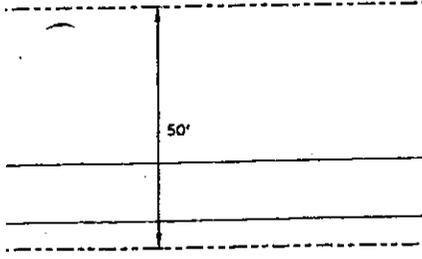
TOWER ELEVATION

See attached "as built" tower elevation describing the Tower and indicating the portion of the Tower that is part of the Reserved Space.

Site Name: Olive Branch South
Site Number: Olive Branch South
MS Leased Site: 801147

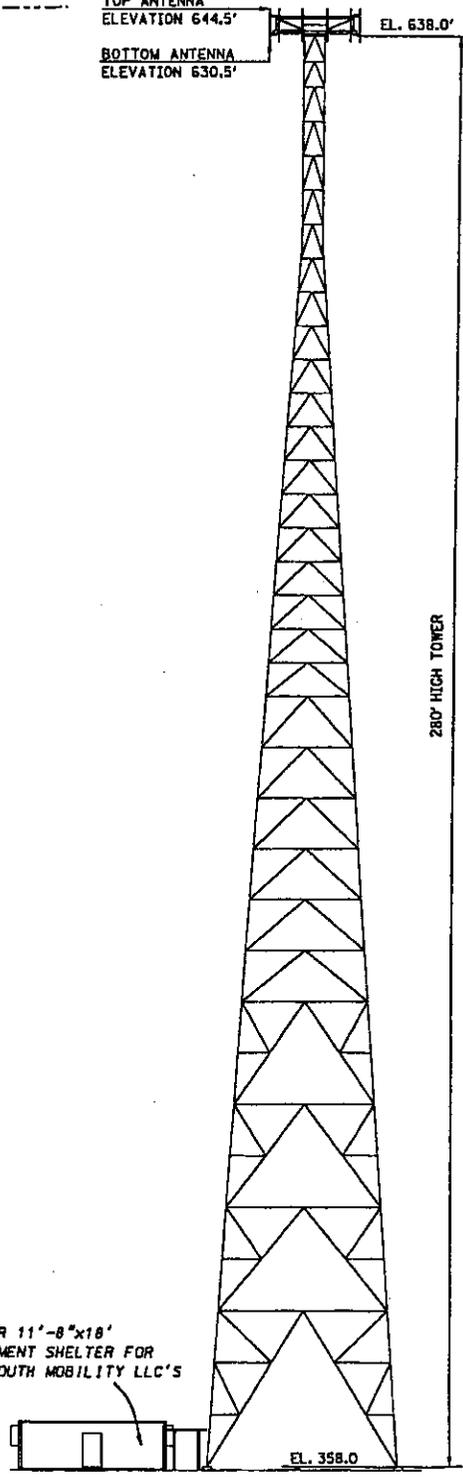
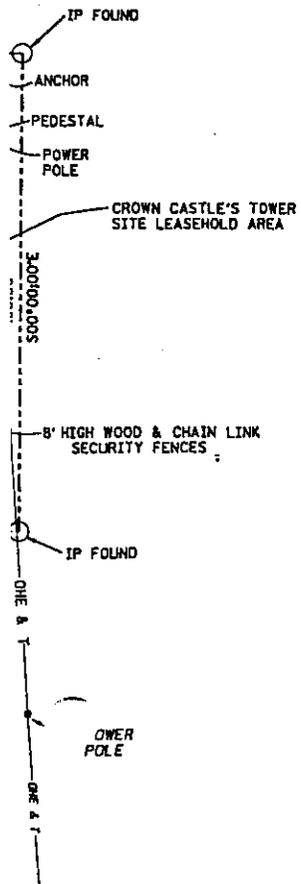
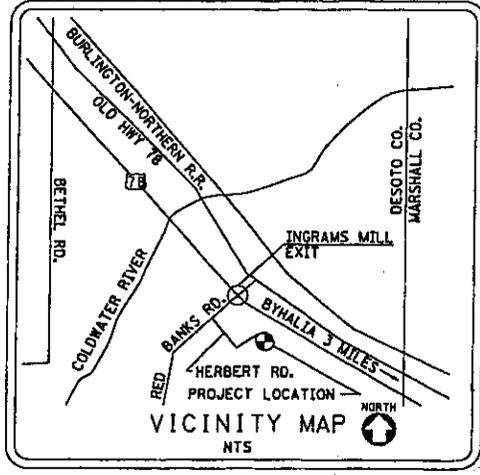
Prepared by: C.Slemp
Prepared on: 02/26/02

C-1



TOP ANTENNA
ELEVATION 644.5'
EL. 638.0'

BOTTOM ANTENNA
ELEVATION 630.5'

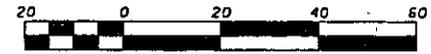


280' HIGH TOWER

EL. 358.0

SELF SUPPORTING TOWER
NO SCALE

GRID NORTH



Scale 1" = 40'
GRAPHIC SCALE

NO.	REVISIONS	DESCRIPTION	BY	DATE



AS-BUILT
SITE PLAN

CROWN
COMMUNICATIONS
MS-OLIVE BRANCH-S
OLIVE BRANCH, MS

DRAWING NO.
SP-1

SHEET NO.
1 OF 1

PROJECT NO.
75285-12

ENGINEER
DESIGN BY
DRAWN BY
CHECK BY

DRAWING INTENT IS TO
INDICATE GENERAL
ARRANGEMENT, DESIGN
AND INTENT OF WORK AND
IS PARTLY DIAGRAMMATIC.
DRAWING SHALL NOT
BE SCALED.

EXHIBIT D

TOWER ANTENNA PLATFORM

See attached "as built" tower antenna platform drawing describing the antenna platform(s) and indicating the portion thereof that is part of the Reserved Space.

Site Name: Olive Branch South
Site Number: Olive Branch South
MS Leased Site: 801147

Prepared by: C.Slemp
Prepared on: 02/26/02

D-1

The entire platform at 280' is reserved for Cingular.

EXHIBIT E**TRANSFERRING ENTITY'S IMPROVEMENTS**

1. All of Transferring Entity's Communications Equipment located on or in the equipment shelters, buildings and/or cabinets shown on **Exhibit B** and located on the Tower as shown on **Exhibits C and D**.
2. Equipment shelters, buildings and/or cabinets, all as shown on **Exhibit B**.
3. Generators and associated fuel tanks, if any, all as shown on **Exhibit B**.
4. Pads and foundations associated with equipment shelters, building, cabinets and generators.
5. Grounding rings for the equipment shelters, if any.

Site Name: Olive Branch South
Site Number: Olive Branch South
MS Leased Site: 801147

Prepared by: C.Slemp
Prepared on: 02/26/02

E-1

EXHIBIT F

ANTENNA WEIGHT AND SAIL AREA DATA

See attached schedule of standard antenna weight and sail area data.

Site Name: Olive Branch South
Site Number: Olive Branch South
MS Leased Site: 801147

Prepared by: C.Slemp
Prepared on: 02/26/02

F-1

Antenna Manufacturer	Model	Wind Area (ft ²)	Weight (lbs)
Allen Telecom	DB910CE-M	0.54	7.20
Allen Telecom	DB961DD90	2.80	11.00
Allen Telecom	DB961DD90T2	2.80	11.00
Allen Telecom	DB961DD90T2E-M	2.80	11.00
Allen Telecom	DB974H90	1.20	3.50
Allen Telecom	DB978H90E-M	2.55	7.10
Allen Telecom	DB980H105T2E-M	2.50	8.50
Allen Telecom	DB980H120E-M	2.50	8.50
Allen Telecom	DB980H90E-M	3.30	8.50
Allen Telecom	DB980H90T2B-M	3.30	8.50
Allen Telecom	DB980H90T2E-M	3.30	8.50
Allen Telecom	DB982H90T2A-M	3.00	10.00
Allen Telecom	DB982H90T2E-M	3.00	10.00
Allen Telecom	DB983H65	3.30	12.00
Allen Telecom	DB983H65T2	3.30	12.00
Allgon	4158.21	3.70	24.20
Allgon	7130.16	3.90	17.16
Allgon	7131.2	4.00	15.90
Allgon	7143.21	1.00	5.00
Allgon	7143.24	3.90	21.00
Allgon	7144.24	3.90	21.00
Allgon	7144.26	6.00	31.00
Allgon	7145.24	3.90	21.00
Allgon	7145.26	6.00	31.00
Allgon	7145.48	7.70	37.40
Allgon	7146.26	5.80	31.00
Allgon	7220.14	2.80	14.00
Allgon	2980-001	3.90	21.00
Allgon	2980-002	3.90	21.00
Allgon	7251.01	0.00	17.60
Allgon	740198R2	3.90	21.00
Allgon	OGC9-825 RFL-2	0.36	7.00
Allgon	OGC9-825N	3.90	21.00
Allgon	P-7WA48G	3.90	21.00
Allgon	RWA-80012	3.90	21.00
Allgon	RWA-80016	3.90	21.00
Allgon	SRL410 C9 L/4	5.49	35.00
Andrew	GP10F-21A	314.00	418.00
Andrew	GP12F-21	452.16	517.00
Andrew	GP6F-21A	113.04	198.00
Andrew	GP8F-21A	200.96	282.00
Andrew	HP10-107F	78.54	541.00
Andrew	HP12F-21A	452.16	850.00
Andrew	HP6F-21B	113.04	281.00
Andrew	HP8-107F	50.27	447.00
Andrew	HP8F-21	50.27	447.00
Andrew	HP-8F-21A	200.96	447.00

Antenna Manufacturer	Model	Wind Area (ft ²)	Weight (lbs)
Andrew	P10F-21C	314.00	402.00
Andrew	P4F-21D	50.24	119.00
Andrew	P6-65D	113.04	162.00
Andrew	P6F-21C	113.04	162.00
Andrew	P8F-21A	200.96	304.00
Andrew	P8F-21C	200.96	304.00
Andrew	PAR6-105	113.04	162.00
Andrew	PAR6-65A	28.27	281.00
Andrew	PAR8-65A	50.27	447.00
Andrew	PCS19HA-09016-2DG	3.10	10.00
Andrew	PCS19HA-11015-0DG	1.97	10.00
Andrew	PCS19HA-11015-2DG	3.10	10.00
Andrew	PL10-59D	314.00	402.00
Andrew	PL10-65D	314.00	402.00
Andrew	PL6-59D	113.04	162.00
Andrew	PL6-65D	113.04	162.00
Andrew	PL8-59D	200.96	304.00
Andrew	PL8-59D-1	200.96	304.00
Andrew	PL8-65D	200.96	304.00
Andrew	UHP8F-21	200.96	447.00
Andrew	UHX10-59J RF	314.00	541.00
Andrew	UHX12-59J RF	452.16	890.00
Andrew	UHX6-59J	113.04	281.00
Andrew	UHX6-59J RF	113.04	281.00
Andrew	UHX8-59H	200.96	447.00
Andrew	UHX8-59H LF	200.96	447.00
Antel	BCD 80010	0.23	26.50
Antel	BCR 80010:N270	6.00	55.00
Antel	BCR 80010N:90	4.20	37.00
Antel	BCR-80010	6.00	55.00
Antel	BCR80010:N180	6.00	55.00
Antel	BCR-80010:N270	6.00	55.00
Antel	BCR8-A	4.20	26.50
Antel	LPD7905/2	0.43	4.90
Antel	LPD7905/4	0.43	4.90
Antel	LPD7907/2	0.75	5.50
Antel	LPD7908/4	1.30	7.74
Antel	RWA - 80012	3.90	14.30
Antel	RWA-80010	2.00	8.40
Antel	RWA-80012	3.90	14.30
Antel	RWA-80013	3.90	14.30
Antel	RWA-80014	3.90	14.30
Antel	RWA-80015	7.87	31.00
Antel	RWA-80017	7.80	31.00
Antel	RWA-8006	1.08	5.30
Antel	RWA-8009	2.00	8.40
Antel	SRL410 C2 L/4	1.25	7.00

Antenna Manufacturer	Model	Wind Area (ft ²)	Weight (lbs)
Antel	SRL410 C9 R90	5.49	35.00
Antenna Specialist	ASP2895	9.00	62.00
Antenna Specialist	ASP953	1.60	27.00
Antenna Specialist	ASP962	0.16	1.13
Antenna Specialist	ASP963	2.55	50.00
Antenna Specialist	ASP967	4.43	75.00
Antenna Specialist	ASP973	1.60	27.00
Antenna Specialist	ASP-977	1.75	35.00
Antenna Specialist	ASPD974	1.60	27.00
Antenna Specialist	ASPD977 -4	1.75	35.00
Antenna Specialist	ASPD977 -5.5	1.75	35.00
Antenna Specialist	ASPD977 -6	1.75	35.00
Antenna Specialist	ASPD978	1.75	35.00
Ball Wireless	PCS-VR-16-09007	21.00	7.00
Celwave	ALP868013	1.00	4.45
Celwave	AP11-850/105	2.71	21.30
Celwave	AP12-850/090	2.00	18.00
Celwave	AP861011	4.04	10.00
Celwave	AP866017	9.37	48.50
Celwave	AP881011	4.04	10.00
Celwave	AP8-850/105	1.61	5.90
Celwave	AP906513	2.71	17.62
Celwave	AP906516T0	1.61	7.05
Celwave	APL869012	2.00	11.60
Celwave	BCR10	4.80	87.00
Celwave	BCR10-B	4.80	87.00
Celwave	BCR12-0	7.60	124.00
Celwave	BCR12-A	7.60	87.00
Celwave	BCR12-A	7.60	124.00
Celwave	BCR12-H	7.60	87.00
Celwave	BCR12-H	7.60	124.00
Celwave	BCR12-H-B1	7.60	87.00
Celwave	BCR12-O	7.60	87.00
Celwave	BCR12-O-B1	7.60	87.00
Celwave	BCR12-OT3	7.60	124.00
Celwave	BCR6SP-HT2	2.10	58.00
Celwave	BCR8-0015	3.00	68.00
Celwave	DA10-107	314.00	930.00
Celwave	DA6-107A	28.27	440.00
Celwave	DA8-59A	50.27	680.00
Celwave	PA8-65	200.96	380.00
Celwave	PD10017	2.00	25.00
Celwave	PD10017-2B	2.00	25.00
Celwave	PD10017-4B	2.00	25.00
Celwave	PD10085	1.40	10.00
Celwave	PD10085L	1.40	10.00
Celwave	PD10099	1.50	23.00

Antenna Manufacturer	Model	Wind Area (ft ²)	Weight (lbs)
Celwave	PD10108	0.18	8.00
Celwave	PD10162	1.70	20.00
Celwave	PD10164	2.00	25.00
Celwave	PD10164-2B	2.40	32.00
Celwave	PD10168	2.40	34.00
Celwave	PD10176		
Celwave	PD10177	6.20	43.00
Celwave	PD10183-2	2.55	40.00
Celwave	PD10186	2.00	25.00
Celwave	PD10188	2.00	25.00
Celwave	PD10201	10.00	28.00
Celwave	PD10222H-4	0.13	1.60
Celwave	PD10236	4.04	10.00
Celwave	PD1108	0.85	0.17
Celwave	PD1109	1.28	17.00
Celwave	PD1110	1.70	20.00
Celwave	PD1124	2.63	11.00
Celwave	PD1132	5.50	60.00
Celwave	PD1132R-4	5.50	60.00
Celwave	PD1136	3.70	38.00
Celwave	PD1251		
Celwave	PD1610-3	0.36	4.00
Celwave	PD400-8	0.88	17.00
Comsat RSI	PCS D 085-17-2	3.57	11.80
Comsat RSI	PCS D 085-17-2V	3.57	11.80
Comsat RSI	PCS D 090-20-2	4.18	15.40
Comsat RSI	PCS D 090-20-2V	4.18	15.40
Comsat RSI	PCS SD 085-16-2	0.00	11.80
Comsat RSI	PCS SD 090-20-2	0.00	14.00
CSS	SA-13	4.67	39.00
DAPA	2900-004	6.11	24.50
DAPA	2900-005	4.58	21.20
DAPA	2900-006	3.26	19.00
DAPA	2942-006	2.38	13.00
DAPA	2960-001	2.44	17.00
DAPA	2960-004	6.11	24.50
DAPA	2960-005	4.58	21.20
DAPA	2960-006	3.26	19.00
DAPA	2960-008	2.44	23.40
DAPA	2962-006	3.26	19.00
DAPA	2980-001	3.26	26.50
DAPA	2980-005	6.11	33.10
DAPA	2980-006	4.35	30.20
DAPA	2980-011	3.26	26.50
DAPA	2980-012	3.26	35.30
DAPA	2981-006	4.35	30.20
DAPA	3961-005	4.58	21.20

Antenna Manufacturer	Model	Wind Area (ft ²)	Weight (lbs)
DAPA	ALP4014 N	4.00	20.00
DAPA	ALP8009 N10T	2.70	16.20
DAPA	ALP8009 N20T	2.70	16.20
DAPA	ALP8010 N	2.10	16.00
DAPA	ALP9211 N	3.90	26.70
DAPA	DAPA 2980-002	3.26	35.30
Decibel Products	ASPD-952	1.20	17.00
Decibel Products	ASPD963	2.55	50.00
Decibel Products	ASPD-973	1.60	27.00
Decibel Products	ASPD975	3.50	45.00
Decibel Products	ASPD975-3	3.50	45.00
Decibel Products	ASPD975-3T	3.50	45.00
Decibel Products	ASPD975-5T	3.50	45.00
Decibel Products	ASPD977	1.75	35.00
Decibel Products	ASPD977-3	1.75	35.00
Decibel Products	ASPD977-4	1.75	35.00
Decibel Products	ASPD977-5	1.75	35.00
Decibel Products	ASPD977-6	1.75	35.00
Decibel Products	ASPD978	1.75	35.00
Decibel Products	ASPD978-4	1.75	35.00
Decibel Products	ASPF-955	0.20	3.00
Decibel Products	DB499C	0.25	5.00
Decibel Products	DB560	2.34	35.00
Decibel Products	DB560	1.66	20.00
Decibel Products	DB561	2.87	43.00
Decibel Products	DB561	2.87	43.00
Decibel Products	DB561	2.87	43.00
Decibel Products	DB561K	2.87	43.00
Decibel Products	DB561K-CT	2.87	43.00
Decibel Products	DB562	3.41	47.00
Decibel Products	DB562K-CT	3.41	47.00
Decibel Products	DB563	3.52	50.00
Decibel Products	DB563Z	3.52	50.00
Decibel Products	DB564	4.10	53.00
Decibel Products	DB564K-CR	4.10	53.00
Decibel Products	DB564K-CR	4.10	53.00
Decibel Products	DB564K-CT	4.10	53.00
Decibel Products	DB564K-CT	4.10	53.00
Decibel Products	DB567 R90	3.90	21.00
Decibel Products	DB567 R90	7.00	80.00
Decibel Products	DB567KR90	7.00	66.00
Decibel Products	DB567KR90-CR	7.00	80.00
Decibel Products	DB567KR90-CT	7.00	80.00
Decibel Products	DB580	0.13	3.80
Decibel Products	DB583	0.13	3.80
Decibel Products	DB586	0.33	8.25
Decibel Products	DB586T6	0.33	8.25

Antenna Manufacturer	Model	Wind Area (ft ²)	Weight (lbs)
Decibel Products	DB589	0.33	15.00
Decibel Products	DB589-XCT	0.64	11.50
Decibel Products	DB589-XCT3	0.64	11.50
Decibel Products	DB803	0.33	6.00
Decibel Products	DB803M-XC	0.33	6.00
Decibel Products	DB806	0.98	21.00
Decibel Products	DB806M	0.64	8.00
Decibel Products	DB806T6	0.98	21.00
Decibel Products	DB809	1.90	30.00
Decibel Products	DB809K	1.90	30.00
Decibel Products	DB809K-XC	1.90	30.00
Decibel Products	DB809M	1.19	25.00
Decibel Products	DB809M-XC	1.19	25.00
Decibel Products	DB809SR-X	1.90	30.00
Decibel Products	DB809SR-XC	1.90	30.00
Decibel Products	DB809T3	1.90	30.00
Decibel Products	DB809T3-XC	1.90	30.00
Decibel Products	DB809T6	1.90	30.00
Decibel Products	DB809T6-XC	1.90	30.00
Decibel Products	DB810	2.34	35.00
Decibel Products	DB810K	2.34	35.00
Decibel Products	DB810KT3-XC	2.34	35.00
Decibel Products	DB810KU3-XC	2.34	35.00
Decibel Products	DB810K-XC	2.34	35.00
Decibel Products	DB810K-XC	2.34	35.00
Decibel Products	DB810M	2.34	35.00
Decibel Products	DB810M	2.34	35.00
Decibel Products	DB810M-XC	2.34	35.00
Decibel Products	DB812	3.20	66.00
Decibel Products	DB812F	3.50	72.00
Decibel Products	DB812K-XC	3.50	72.00
Decibel Products	DB833	2.00	15.00
Decibel Products	DB833R-F	2.00	20.00
Decibel Products	DB834	2.35	19.00
Decibel Products	DB834R-F	2.35	19.00
Decibel Products	DB842H80	1.00	5.00
Decibel Products	DB844H80	1.00	5.00
Decibel Products	DB844H80T6-XY	1.00	5.00
Decibel Products	DB844H90	2.00	10.00
Decibel Products	DB844H90VT-SX	2.00	10.00
Decibel Products	DB844H90VT-X	2.00	12.00
Decibel Products	DB844H90-X	2.00	12.00
Decibel Products	DB848H90-XY	4.00	20.00
Decibel Products	DB854H90	4.00	17.50
Decibel Products	DB854HV90D-SX	13.74	43.00
Decibel Products	DB854HVH90D-SX	13.74	43.00
Decibel Products	DB855DDH90	5.00	28.00

Antenna Manufacturer	Model	Wind Area (ft ²)	Weight (lbs)
Decibel Products	DB855DDH90(E)	5.00	28.00
Decibel Products	DB858 H90	13.74	41.00
Decibel Products	DB858DDH90SX	13.74	41.00
Decibel Products	DB858HV65-SX	8.00	43.00
Decibel Products	DB864 H90	1.04	5.00
Decibel Products	DB871 H105	1.04	5.00
Decibel Products	DB871 H120	1.04	5.00
Decibel Products	DB871 H83	1.04	5.00
Decibel Products	DB872 H105	2.06	7.00
Decibel Products	DB872 H120	2.06	7.00
Decibel Products	DB872 H83	2.06	7.00
Decibel Products	DB872H105-X	2.06	7.00
Decibel Products	DB872H120	2.06	7.00
Decibel Products	DB874H105	4.10	14.00
Decibel Products	DB874H105	4.10	14.00
Decibel Products	DB874H105-X	4.10	14.00
Decibel Products	DB874H105-XC	4.10	14.00
Decibel Products	DB874H120	4.10	14.00
Decibel Products	DB874H120	4.10	14.00
Decibel Products	DB874H83	4.10	14.00
Decibel Products	DB874H83-SX	4.10	14.00
Decibel Products	DB878H105	8.00	20.00
Decibel Products	DB878H105-X	8.00	20.00
Decibel Products	DB878H105-XC	8.00	20.00
Decibel Products	DB878H120	8.00	20.00
Decibel Products	DB878H120-X	8.00	20.00
Decibel Products	DB878H120-XC	8.00	20.00
Decibel Products	DB878H83	8.00	20.00
Decibel Products	DB878H83	8.00	20.00
Decibel Products	DB878H83-SX	8.00	20.00
Decibel Products	DB878H83-X	8.00	20.00
Decibel Products	DB881H60	1.04	5.00
Decibel Products	DB882H60	2.06	7.00
Decibel Products	DB884H45	3.90	21.00
Decibel Products	DB884H45	4.10	14.00
Decibel Products	DB884H45	4.10	14.00
Decibel Products	DB884H45-X	4.10	14.00
Decibel Products	DB884H60	4.10	14.00
Decibel Products	DB930DD65E-M	2.70	15.00
Decibel Products	DB932DD65T2E-M	3.10	17.00
Decibel Products	DB932DD90T2E-M	4.50	18.00
Decibel Products	DB978H120E-M	2.00	7.10
Decibel Products	DB983H65E-M	3.30	12.00
EMS	FC90-11-00NA	4.00	21.00
EMS	FR90-16-00DP	3.10	18.00
EMS	FR90-16-02DP	3.10	18.00
EMS	FS70-12-00NA	8.00	36.00

Antenna Manufacturer	Model	Wind Area (ft ²)	Weight (lbs)
EMS	FS70-12-10_A2	8.00	36.00
EMS	FS90-09-00	5.00	27.00
EMS	FS90-09-05_A2	5.00	27.00
EMS	FS90-11-00	8.00	36.00
EMS	FS90-12-00_A2	8.00	36.00
EMS	FV105-10-00	2.70	15.00
EMS	FV105-10-05	2.70	15.00
EMS	FV105-10-10	2.70	15.00
EMS	FV105-12-00	8.00	34.00
EMS	FV60-15-00NA	8.00	27.50
EMS	FV65-13-00_A2	4.00	21.00
EMS	FV70-14-00_A2	4.00	21.00
EMS	FV90-09-10NA	2.70	15.00
EMS	FV90-11-00	4.00	21.00
EMS	FV90-11-05_A2	4.00	21.00
EMS	FV90-11-10_A2	4.00	21.00
EMS	FV90-12-00	6.00	30.00
EMS	FV90-12-00_A2	6.00	30.00
EMS	FV90-12-05_A2	6.00	30.00
EMS	FV90-12-10	6.00	30.00
EMS	FV90-12-10_A2	6.00	30.00
EMS	FV90-13-00	6.00	30.00
EMS	FV90-13-00_A2	8.00	34.00
EMS	RR90-14-00	1.70	9.00
EMS	RR90-17-02	3.10	18.00
EMS	RS80-10-00_A2	8.00	36.00
EMS	RV105-11-00_A2	4.00	21.00
Gabriel	DDP10P-59BSE	78.54	370.00
Gabriel	DDP8P-59BSE	50.27	280.00
Gabriel	GHA10-21	78.54	310.00
Gabriel	SRD10-59ASE	78.54	535.00
Gabriel	SRD8-59ASE	50.27	395.00
Hazeltine	820-080-11-9 840	6.30	28.00
Hazeltine	820-080-11-9 870	6.30	28.00
Kathrein	740198	1.37	16.00
Kathrein	63-30-6-1	5.38	22.00
Kathrein	740198 RFM3	2.00	39.00
Kathrein	740198R2	2.73	23.50
Kathrein	740198RF	18.00	1.80
Kathrein	740198RFL2	1.36	15.00
Kathrein	740198RFM2	39.00	2.00
Kathrein	KT-740198	1.37	16.00
Kathrein	KT-740198R2	2.73	23.50
Kathrein	KT-740198R2	2.73	23.50
Kathrein	KT-740198RFL2	2.73	23.50
Kathrein	KT-740198RFL2	2.73	23.50
Kathrein	KT-740198RFL5/8	1.73	18.00

Antenna Manufacturer	Model	Wind Area (ft ²)	Weight (lbs)
Kathrein	KT-740198RFL5/8	1.73	18.00
Mark	HP-100A72 RF	113.04	336.00
Mark	HP-60A120L	314.00	860.00
Mark	HP-60A72 L	113.04	336.00
Mark	HP-60A72 RF	113.04	336.00
Mark	MHP-21A96	200.96	491.00
Mark	MHP-60A72 R	113.04	336.00
Mark	P-21A120G	314.00	286.00
Mark	P-21A120GF	314.00	286.00
Mark	P-21A120N	314.00	575.00
Mark	P-21A144G	452.16	465.00
Mark	P-21A48	50.24	127.00
Mark	P-21A48N	50.24	127.00
Mark	P-21A72G	113.04	128.00
Mark	P-21A72GF	113.04	128.00
Mark	P-21A72N	113.04	202.00
Mark	P-21A96G	200.96	216.00
Mark	P-21A96GF	200.96	216.00
Mark	P-21A96N	200.96	293.00
Mark	P-21B72GF	113.04	128.00
Mark	P-22A72G	113.04	128.00
Mark	P-24A48GN-2	50.24	86.00
Mark	P-24A72GN-U	113.04	128.00
Mark	P-24A96GN	200.96	216.00
Mark	P-57848N-2	50.24	127.00
Mark	P-57A48N	50.24	127.00
Mark	P-57A48N-2	50.24	127.00
Mark	P-57A72N-2	113.04	202.00
Mark	P-57A96-2	200.96	293.00
Mark	PA-21B48N	50.24	127.00
Mark	PA-21B72G	113.04	171.00
Northern Telecom	CELL PLUS		
Northern Telecom	SMART	17.24	176.00
Northern Telecom	SMART	17.24	176.00
Northern Telecom	SMART 2.5	17.24	176.00
RSI	A-57A24N-U	78.54	20.00
RSI	HP-105A120	78.54	866.00
RSI	HP-105A72	28.27	336.00
RSI	HP-60120W	78.54	866.00
RSI	HP-60A72	28.27	336.00
RSI	MHP-21A72	28.27	336.00
RSI	MHP-21A96	50.27	491.00
RSI	MHP-21B96	50.27	491.00
RSI	MHP-6072W	28.27	336.00
RSI	MHP-6096W	50.27	491.00
RSI	MHP-60A96	50.27	491.00
RSI	P-105A48	12.57	109.00

Antenna Manufacturer	Model	Wind Area (ft ²)	Weight (lbs)
RSI	P-21A120G	27.43	286.00
RSI	P-21A144G	46.87	465.00
RSI	P-21A72G	11.22	171.00
RSI	P-21A96G	19.00	216.00
RSI	P-24A48G	6.32	86.00
RSI	P-24A72G	11.22	171.00
RSI	P-24A72GF-2	11.22	171.00
RSI	P-24A96G	19.00	216.00
RSI	P-57A72N	28.27	120.00
RSI	P-57A96N	50.27	240.00
RSI	P-57B48N	12.57	109.00
RSI	P-57C24N	3.14	120.00
RSI	P-60A72	28.27	120.00
RSI	P-60A96	50.27	240.00
RSI	PA-21B72G	11.22	128.00
RSI	PA-21B72GP	11.22	128.00
Scala	740198	1.37	16.00
Scala	740217	3.90	13.40
Scala	AP11-850/105	3.50	13.60
Scala	AP13-850/065	3.50	19.00
Scala	AP16-850/047	7.50	26.00
Scala	KT740198R2	2.73	23.50
Scala	KT740198R5/8	1.73	18.00
Scala	KT740218R2	2.73	23.50
Scala	KT740218R5/8	1.73	18.00
Scala	OGC 9825RFL5/8	1.73	18.00
Scala	OGC6-825-2D	1.94	16.00
Scala	OGC9-825	1.37	16.00
Scala	OGC9-825 RFL5/8	1.97	18.00
Scala	OGC9-825N	1.37	16.00
Scala	OGC9-825N RFL2	0.60	23.00
Scala	OGC9-825N RFM3	0.60	23.00
Scala	OGC9-825NR5/8	1.73	18.00
Scala	OGC9-825RFL-2	1.37	16.00
Scala	PR-850	4.40	38.00
Scala	PRBB-850	4.40	38.00
Sinclair	SLR-410C-4R160	2.80	27.00
Sinclair	SLR-410C-4R60	2.58	27.00
Sinclair	SLR-410C-4R90	2.57	27.00
Sinclair	SRL410 C9 R105	5.50	35.00
Sinclair	SRL410 C9 R160	5.94	35.00
Swedcom	900900NA	1.33	10.00
Swedcom	901200NA	2.30	20.00
Swedcom	901200NAS	2.30	20.00
Swedcom	901205NAS	2.30	20.00
Swedcom	901210NAS	2.30	20.00
Swedcom	ALP110 08	1.60	15.00

Antenna Manufacturer	Model	Wind Area (ft ²)	Weight (lbs)
Swedcom	ALP110 11	3.70	24.50
Swedcom	ALP4014-N	4.00	20.00
Swedcom	ALP4016N	8.10	33.30
Swedcom	ALP6011N	2.30	18.00
Swedcom	ALP6014N	5.40	28.90
Swedcom	ALP6016N	9.50	55.10
Swedcom	ALP8010N	2.10	16.00
Swedcom	ALP8013N	4.50	27.30
Swedcom	ALP9209N	1.70	15.30
Swedcom	ALP9212N	3.90	26.70
Swedcom	ALP9214N	8.10	53.30
Swedcom	ALP-E 9011	2.30	20.00
Swedcom	CTY10510 N	5.30	16.00
Swedcom	CTY9006-N	5.10	2.00
Swedcom	CTY9010	5.30	16.00

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