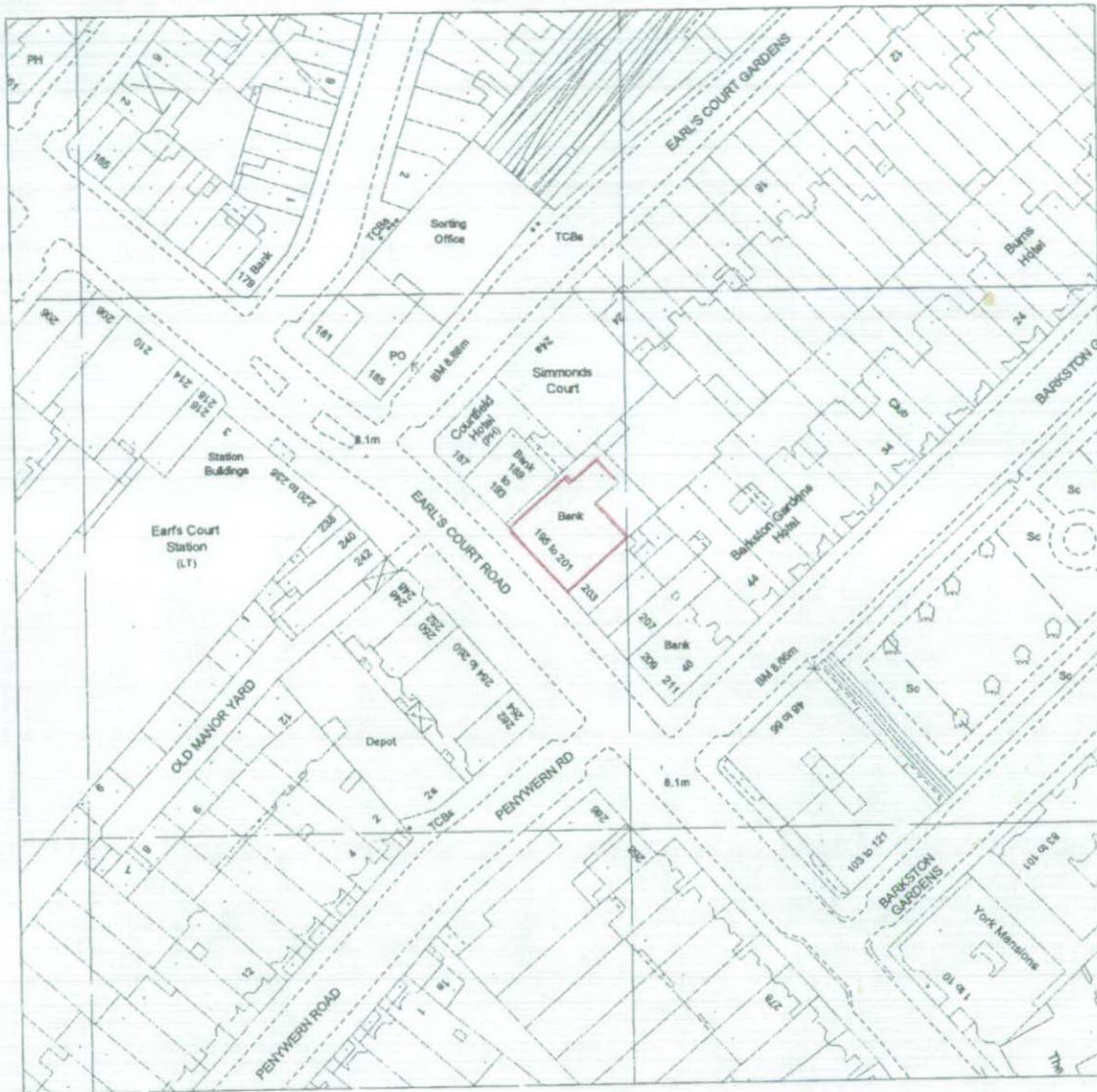


Siteplan

1:1250 Scale



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CUSTOMER SERVICE CENTRE, NATWEST
195 EARLS COURT ROAD
LONDON
SW5 9AP 104321/56 ZNEHW

Centre coordinates : 525586mE 178552mN

National Grid sheet reference at centre of this Siteplan: TQ2578NE.

Supplied by : National Map Centre Tel 0171 222 2466
 Serial Number : 8004

**DELEGATED
 APPROVAL**
19 JAN 2001

NWTV BUSINESS TV SITE SURVEY REPORT

Site Name: Earls Court

Z Code: ZNEHW

Property Code: 9866

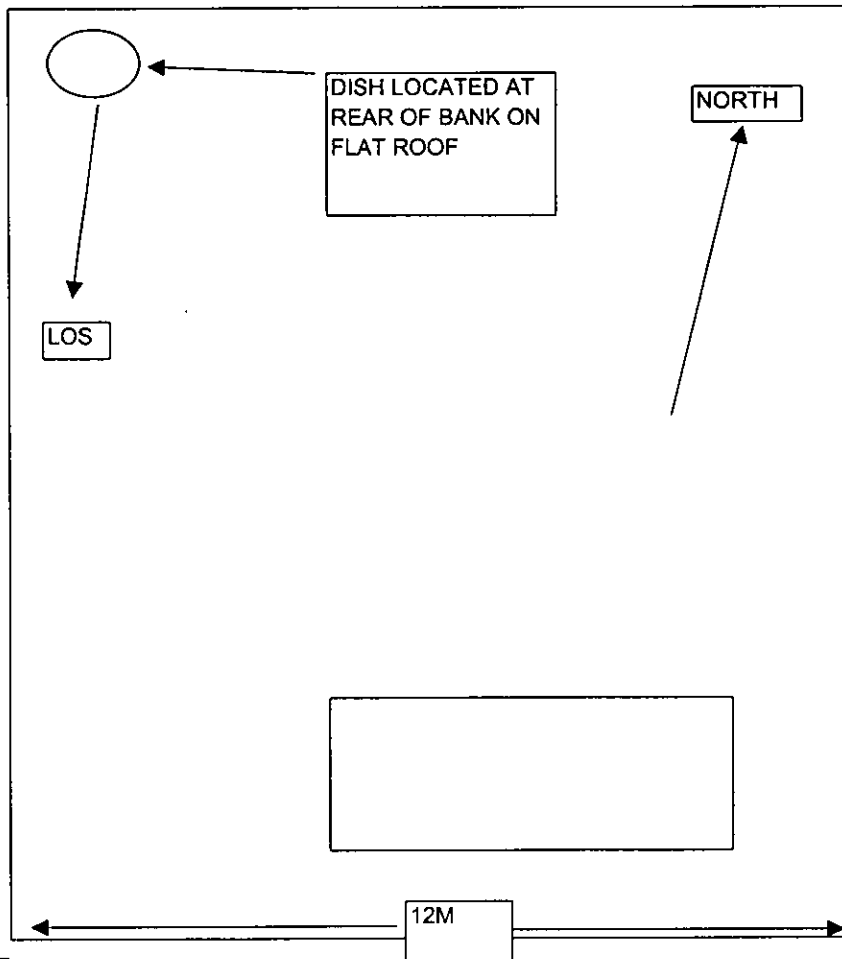
ROOF PLAN

Indicate LOS and True North bearings from antenna site. Show all options found for antenna location. Indicate on diagram, approximate cable route and distances. You **MUST** show dimensions and state unit of measure.

Ensure that surrounding road names are detailed

From the recommended antenna location, which of the following orbital satellite positions would be visible Include (Line Of Sight)

Please specify: **10 13 16 degrees east** ALL



EARLS COURT ROAD

DELEGATED
 APPROVAL
 19 JAN 2001

ZNEHW13

PP002832

NWTV BUSINESS TV SITE SURVEY REPORT

Site Name: Earls Court

Z Code: ZNEHW

Property Code: 9866

1. Side Perspective photograph

TERRACED BUILDING

ANTENNA VISIBLE? YES NO

Please indicate position on picture

2. Front Perspective photograph



DELEGATED
APPROVAL
19 JAN 2001

ANTENNA VISIBLE? YES NO

Please indicate position on picture

NWTV BUSINESS TV SITE SURVEY REPORT

Site Name: **Earls Court**

Z Code: **ZNEHW**

Property Code: **9866**

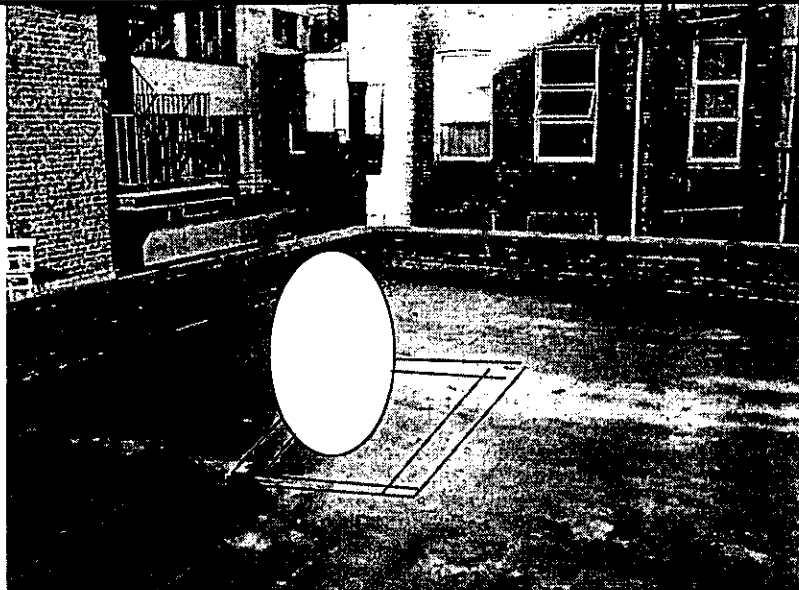
3. Rear Perspective photograph



ANTENNA VISIBLE? YES NO

Please indicate position on picture

4. Antenna location photograph



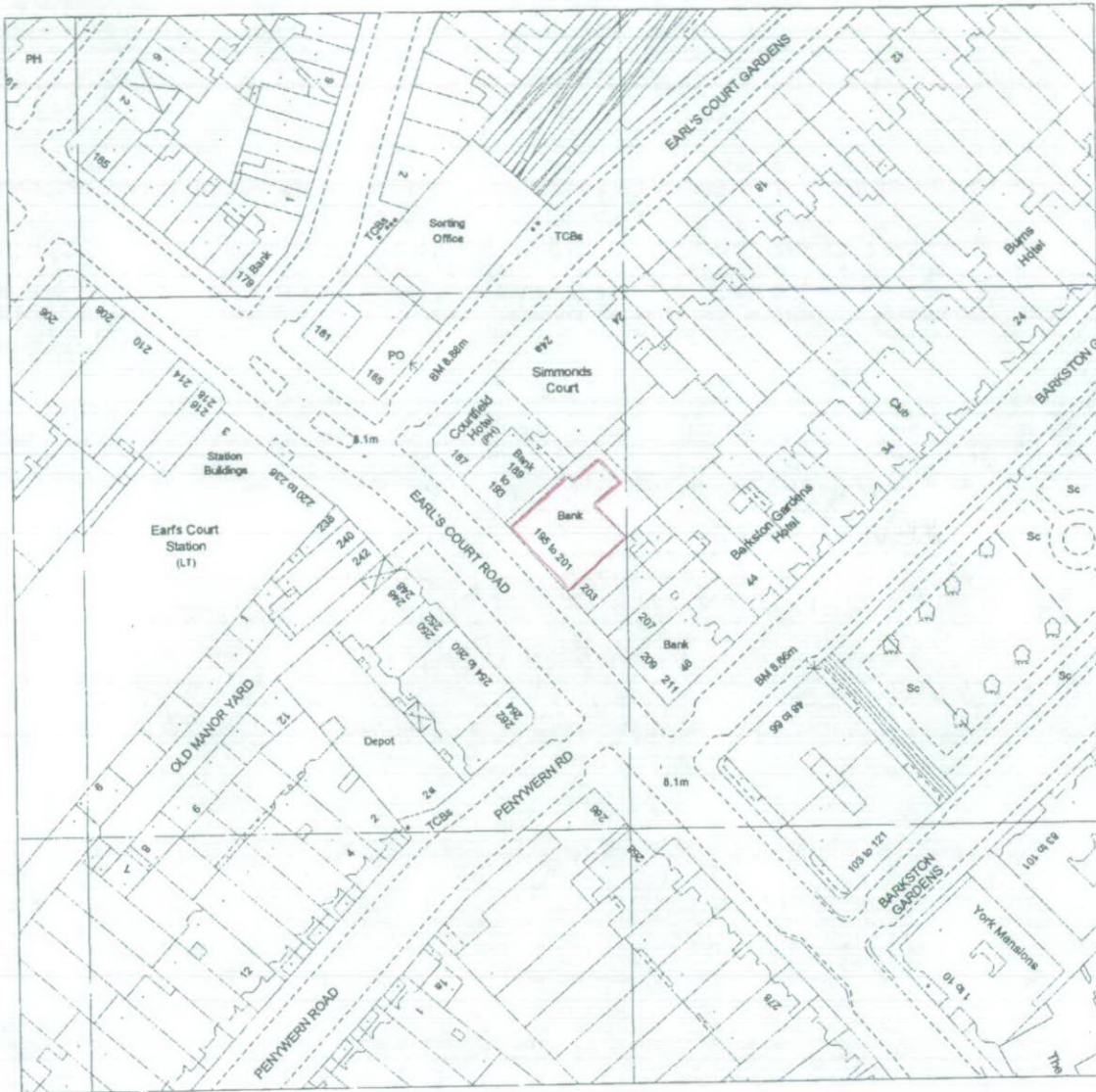
DELEGATED APPROVAL
19 JAN 2001

ANTENNA VISIBLE? YES NO

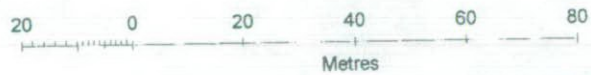
Please indicate position on picture

Siteplan

1:1250 Scale



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Site Name: Earls Court

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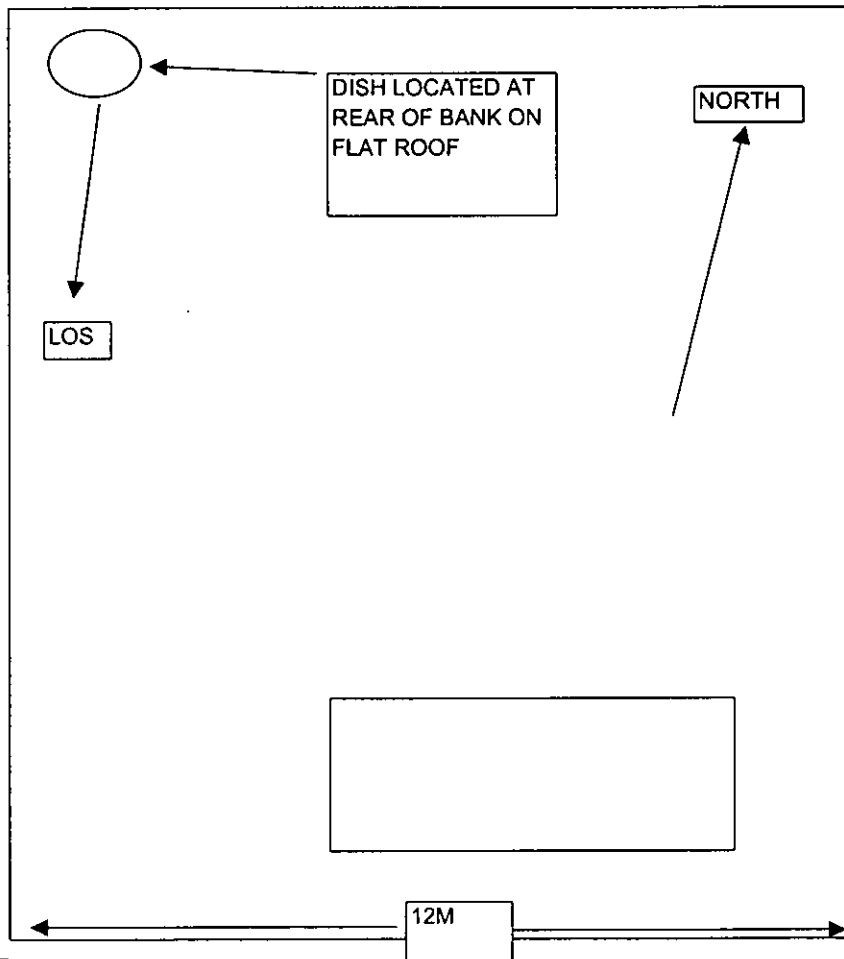
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Please specify: **10 13 16 degrees east ALL**



EARLS COURT ROAD

NWTV BUSINESS TV SITE SURVEY REPORT

Site Name: Earls Court

Z Code: ZNEHW

Property Code: 9866

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TERRACED BUILDING

ANTENNA VISIBLE? YES NO

Please indicate position on picture

2. Front Perspective photograph



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NWTV BUSINESS TV SITE SURVEY REPORT

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Property Code: 9866

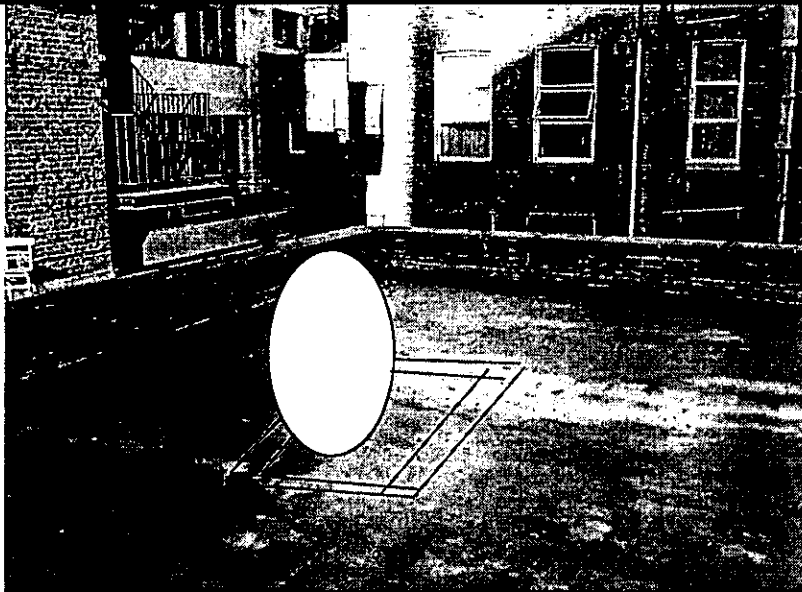
3. Rear Perspective photograph



ANTENNA VISIBLE? YES NO

Please indicate position on picture

4. Antenna location photograph



ANTENNA VISIBLE? YES NO

Please indicate position on picture

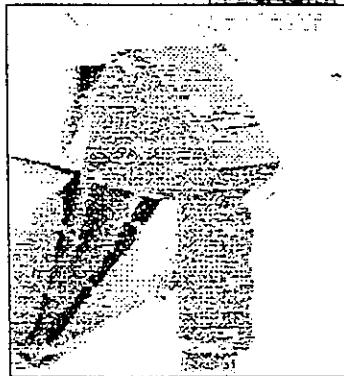


Type 600

.60m RECEIVE-ONLY OFFSET ANTENNA SYSTEM

FEATURES

- One-piece compression-molded offset reflector.
- Sturdy AZ/EL mount with elevation scale.
- Single bolt fine elevation adjustment.
- Single galvanized 1.00" O.D. feed support leg.
- Factory pre-assembled mount.
- Cadmium-plated hardware for maximum corrosion resistance.
- Available with a wide variety of Ku-Band feeds.



The Channel Master® Type 600 Offset Antenna is a rugged commercial grade product suitable for the most demanding applications. The reflector is compression-molded for strength and surface accuracy. Molded into the rear of the reflector is a network of support ribs which not only strengthens the antenna, but also helps to sustain its critical parabolic shape.

The AZ/EL mount is constructed from heavy-gauge steel to provide a rigid support to the reflector. Four heavy-duty lockdown bolts secure the mount to any 2.38" O.D. mast and prevent slippage in high winds. A specially-formulated powder paint process offers excellent protection from weather-related corrosion.

Channel Master®

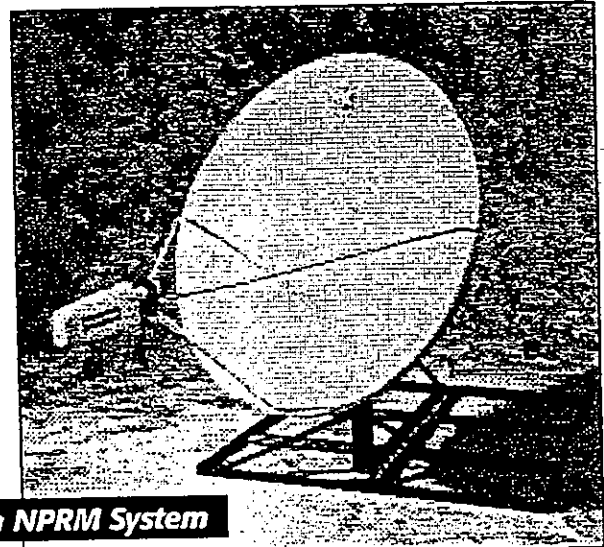
NON-PENETRATING ROOF MOUNTS

Channel Master® non-penetrating roof mounts have been specifically designed for our line of offset reflectors. Mechanically tested and field proven, these fully adjustable mounts meet the performance requirements of demanding commercial applications.

The non-penetrating roof mounts are designed to be used on a flat roof and have provisions for concrete block ballast. The mount components are powder-coated, pre-galvanized steel, with the exception of the 52" x 52" base (see below). All hardware is cadmium-plated with a polymer coating for excellent corrosion resistance.

Model 611617401 has a 2.38" O.D. mast and a 36" x 36" base, which is designed for the .60m and .75m antennas. This model can also be used with .90m and 1.0m antennas with a "hybrid" 2.38" AZ/EL cap when higher windloads are not expected.

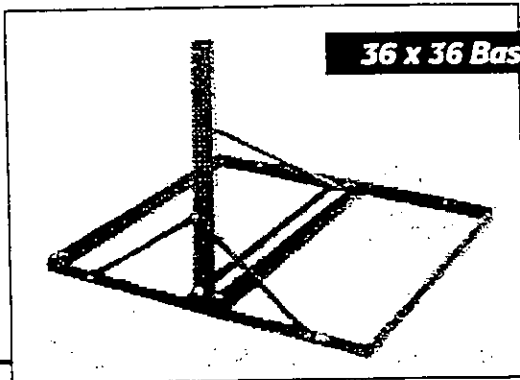
Models 611652302/03 utilize a 3.00" O.D. mast and a 52" x 52" base and are designed for the .90m, 1.0m, and 1.2m antennas. Model 611652302 has a powder-coated steel base, while Model 611652303 incorporates a hot-dip galvanized base for extreme environmental conditions.



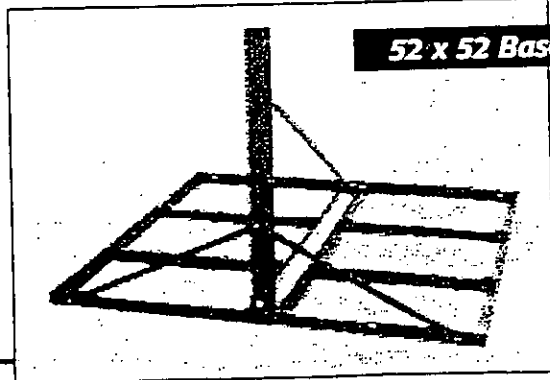
1.2m NPRM System

Specifications

Antenna	Base Dimensions	Mast Dimensions	Maximum Wind Loading	Applicable Model #
.60m	36" x 36" (914 mm x 914 mm)	2.38" (60 mm)	125 mph	611617401
.75m	36" x 36" (914 mm x 914 mm)	2.38" (60 mm)	106 mph	611617401
.90m	36" x 36" (914 mm x 914 mm)	2.38" (60 mm)	89 mph	611617401
.90m	52" x 52" (1321 mm x 1321 mm)	3.00" (76 mm)	125 mph	611652302/03
1.0m	36" x 36" (914 mm x 914 mm)	2.38" (60 mm)	80 mph	611617401
1.0m	52" x 52" (1321 mm x 1321 mm)	3.00" (76 mm)	125 mph	611652302/03
1.2m	52" x 52" (1321 mm x 1321 mm)	3.00" (76 mm)	119 mph	611652302/03



36 x 36 Base



52 x 52 Base

Channel Master®

● **INTERNATIONAL (USA)**

1315 Industrial Park Drive
 Smithfield, North Carolina 27577 USA
 Customer Sales Center: (919) 989-2205 • Fax: (919) 989-2200
 e-mail: cmvsat@cmnc.com http://www.channelmaster.com

● **EUROPE (UK)**

Premier Business Park, Croft Head Road
 Blackburn, Lancashire England BB1 5UE
 Tel. +44(0) 1254 680444 • Fax +44(0) 1254 672299
 e-mail: master@cmuk.u-net.com

● **ASIA-PACIFIC (TAIWAN)**

#12 South First Road, KEPZ
 Kaohsiung, Taiwan ROC
 TEL (07) 831 4151 • FAX (07) 811 3636

11/98 (17186) Rev. A

Type 600



.60m RECEIVE-ONLY OFFSET ANTENNA SYSTEM

Specifications

RF PERFORMANCE

Effective Aperture	.60m (24 in.)
Operating Frequency	10.95 - 12.75 GHz
Polarization	Linear (Circular Optional)
Gain @ 11.95 GHz	36.1 dBi (Typical)
3 dB Beamwidth	3.2°
Antenna Noise Temperature @ 30° Elevation	32°K (Typical)
VSWR	1.3:1 Max.
Cross-Polarization Discrimination (Linear)	>30 dB On Axis
Feed Interface	WR-75

MECHANICAL PERFORMANCE

Reflector Material	Glass Fiber Reinforced Polyester
Antenna Optics	One-Piece Offset Feed Prime Focus
Mount Type	Elevation over Azimuth
Elevation Adjustment Range	10°-70° Continuous Fine Adjustment
Azimuth Adjustment Range	360° Continuous
Mast Pipe Interface	2.38 Inch (60 mm) Diameter
Wind Loading	Operational 50 Mi/h Survival 125 Mi/h
Temperature	-50°C to 80°C
Humidity	0 to 100% (Condensing)
Atmosphere	Salt, Pollutants and Contaminants as Encountered in Coastal and Industrial Areas
Solar Radiation	360 BTU/h/ft²
Shock and Vibration	As Encountered During Shipping and Handling



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EUROPE (UK)

Premier Business Park, Croft Head Road
Blackburn, Lancashire England BB1 5UE
Tel. +44(0) 1254 680444 • Fax +44(0) 1254 672299
e-mail: master@cmuk.u-net.com

ASIA-PACIFIC (TAIWAN)

#12 South First Road, KEPZ
Kaohsiung, Taiwan ROC
TEL (07) 831 4151 • FAX (07) 811 3636

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