

## EARTHING DETAILS

EARTH CONDUCTOR ALUMINIUM OR COPPER NOT LESS THAN 5.2mm DIA.

EARTH SPIKE 1.8m LONG KNOCKED INTO GROUND 1.5m.

IF SECONDARY EARTH BELOW GROUND USE COPPER CONDUCTOR.

IF ANTENNA OR EARTH CONDUCTOR IS NEAR METAL ROOF, GUTTER OR DOWNPIPE, BOND CONDUCTOR TO THEM.

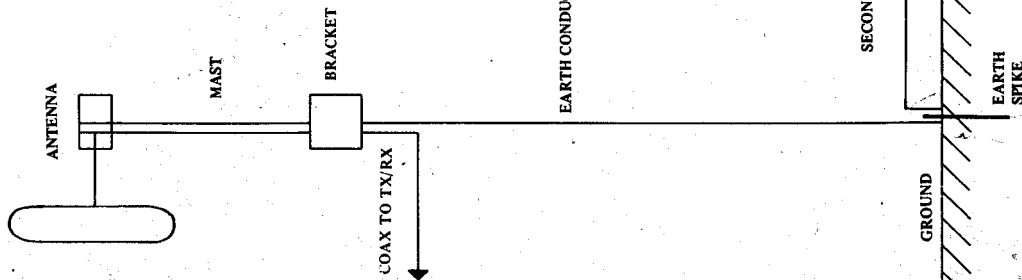
N.B. DO NOT MOUNT NEAR HATCHED ROOF BEFORE CONTACTING LIGHTNING CONSULTANT.

ALL ZS ANTENNAS ARE DESIGNED AND MANUFACTURED IN RSA TO RELEVANT IEC SPECIFICATIONS. ALL ELEMENTS ARE DC EARTHED TO MOUNTING BRACKET TO FACILITATE EASY EARTHING TO MINIMISE STATIC AND LIGHTNING DAMAGE TO RADIO TRANSCEIVER.

ZS DESIGNERS HAVE OVER 25 YEARS OF PROFESSIONAL ANTENNA EXPERIENCE AND THE MODERN FACTORY WAS PURPOSE BUILT FOR ANTENNA PRODUCTION. RESEARCH AND TEST EQUIPMENT IS IN EXCESS OF R100,000.

ACCESSORIES INCLUDE:

- COAX CABLE
- FILTERS
- MOUNTING BRACKETS
- EARTHING EQUIPMENT ETC.
- MASTS
- VSWR INDICATORS
- CONNECTORS



SUPPLEMENT TO RADIO ZS SEPT. 1983

ALL CORRESPONDENCE.

P.O. BOX 51577,  
RANDBURG,  
SOUTH AFRICA.  
2125.

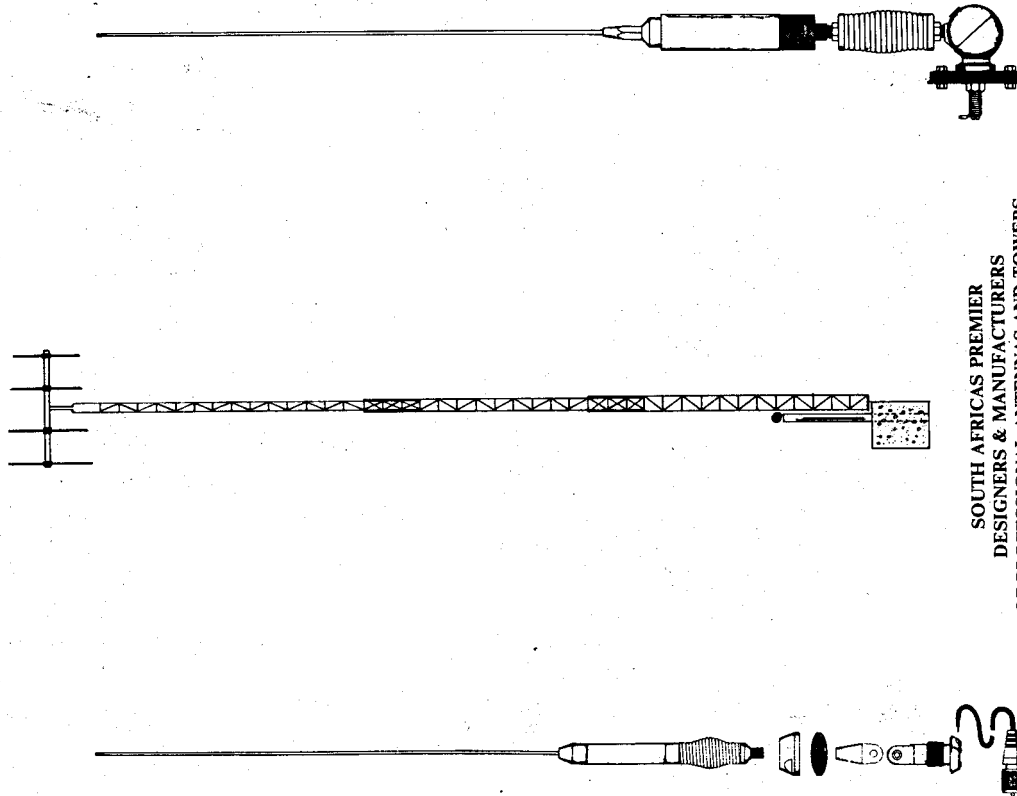
ZS ELECTRONIQUES (PTY.) LTD.

14 NAAF STREET,  
STRYDOM PARK EXT. 2,  
RANDBURG.  
2194.

FACTORY.

## TOWERS

FOR RADIO AMATEURS & SHORT WAVE LISTENERS



SOUTH AFRICAS PREMIER  
DESIGNERS & MANUFACTURERS  
OF PROFESSIONAL ANTENNAS AND TOWERS

ALL CORRESPONDENCE.

P.O. BOX 51577,  
RANDBURG,  
SOUTH AFRICA.  
2125.

ZS ELECTRONIQUES (PTY.) LTD.

PHONE (011) 793-1051/2  
TELEX 4-25458

FACTORY.

14 NAAF STREET,  
STRYDOM PARK EXT. 2,  
RANDBURG.  
2194.

## VRE TOWERS

ZS Electronics (Pty) Ltd. and Van Reenan Electronics (Pty) Ltd. have much pleasure in announcing their Amateur Radio Range.

ZS and VRE joined forces some years ago and with Licenced Radio Amateurs as Directors of both companies an amateur range just had to happen!

With a joint investment of some R200 000 in test gear and double this amount in plant, tools and machinery all products are designed manufactured and inspected to the highest international standards.

Many thousands of antennas are in use worldwide and are exported to over 40 countries. ZS and VRE supplied antennas and towers to the SA Antarctic Expedition.

Following the world beating breakthrough of their revolutionary wideband antennas ZS have factories in UK, USA, Australia and South America.

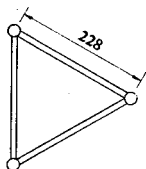
VRE not to be outshone by their illustrious partners can also boast towers and masts in many countries. Update of material and stress technology is of course by computer. In addition to items shown in their catalogue, they can supply antenna components, guy wire, tubing etc. everything for the man who wants to construct his own antenna, but regrettably do not offer designs for the home constructor. Recommended is the ARRL antenna handbook. Also offered is a complete tower and antenna installation service.

Alec Hodgkinson                      Howard Bottomley                      Henry van Reenen  
ZS6BMU                                      G8BCL                                      ZS6SR

(PTY.) LTD.

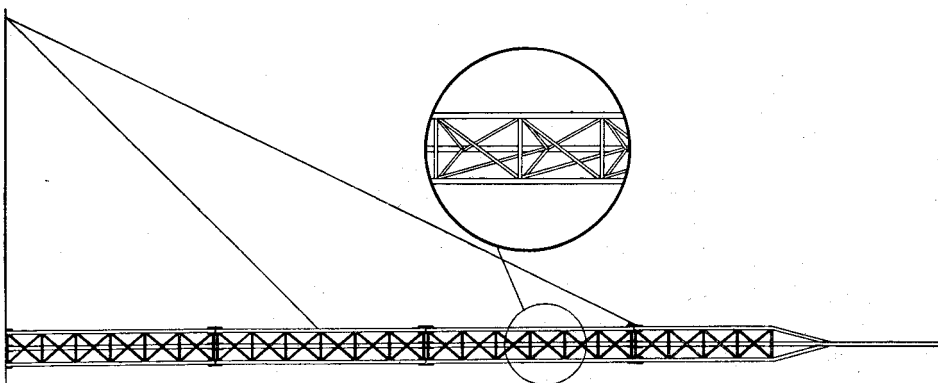
SERIES "NIMBUS"

LIGHT DUTY ECONOMICAL MAST - 228mm FACE WIDTH SUITABLE FOR LIGHT TO MEDIUM VHF ANTENNAE, LONG WIRE ANTENNAE, HF DIPOLES ETC. IDEAL FOR PORTABLE INSTALLATIONS IN HARD TO GET TO PLACES. ONLY 5kg/m MASS. GUYED EVERY 6m. DESIGN MAXIMA - UP TO 18m, 160 km/hr 0.5m SQUARE, 25kg. SELF SUPPORTING UP TO 6m WITH EITHER GROUND MOUNT OR OPTIONAL WALL MOUNT BRACKET. FULLY CLIMBABLE. TAPERED TIP WITH 58.8mm TUBULAR EXTENTION FOR ANTENNA MOUNT OR OPTIONAL LIGHTNING SPIKE.



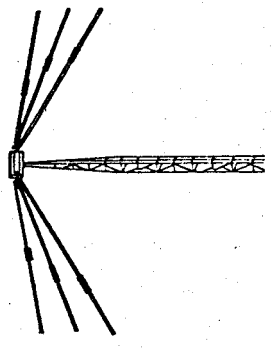
### SPECIFICATIONS

- MAIN TUBE 25 mm O/D
- STRUTS 8 mm O/D
- HOT DIPPED GALVANISED SABS 7/3
- 6 m SECTIONS
- MAX HEIGHT 18 m
- SELF SUPPORTING TO 6 m
- FULLY CLIMBABLE
- HEAD LOAD 0.3 sq m at 45 m/s
- MAX ANTENNA MASS 30 kg.
- TAPER TIP AVAILABLE
- 3 GUYS (TWO SETS) AT 18 m
- WALL MOUNT AVAILABLE
- HINGE BASE



Edred ZS1DJ

**ZS** ELECTRONIQUES (PTY.) LTD.



- BROADBAND MATCHING 1.5-30 MHz
- VSWR BETTER THAN 2 TO 1 ACROSS THE BAND
- POWER RATINGS 600w ICAS P.E.P.
- INVERTED VEE CONFIGURATION
- STANDARD WIRE LENGTHS 25, 15, 10M EACH SIDE

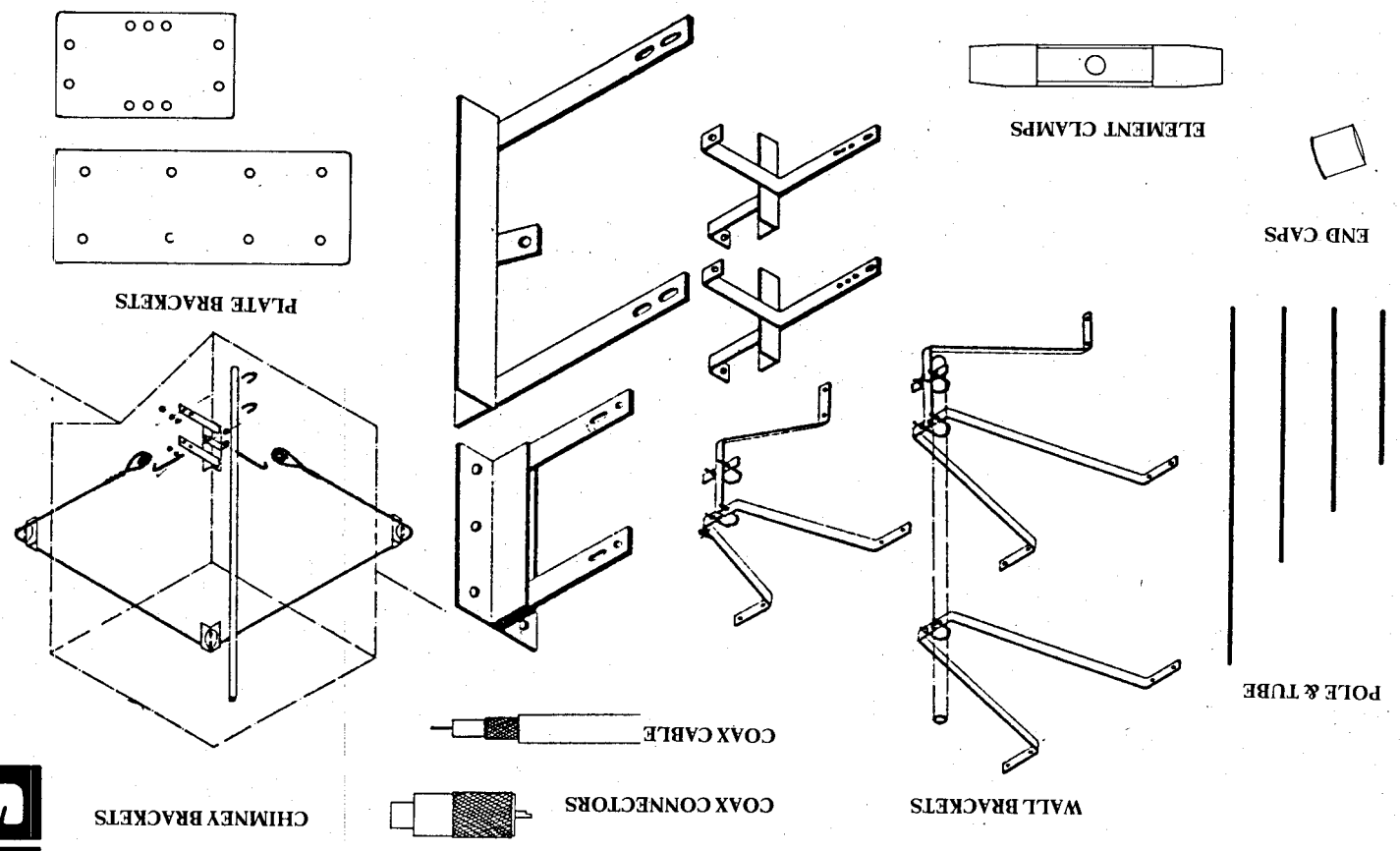
THE ZS UNIMATCH OFFERS BROADBAND MATCHING OVER THE RANGE 1.5-30 MHz WITH NO TUNING REQUIRED.

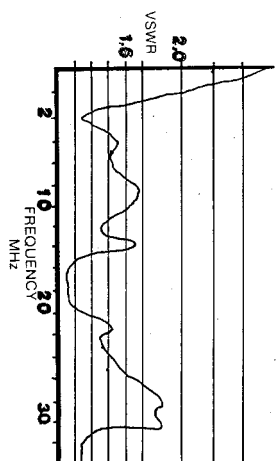
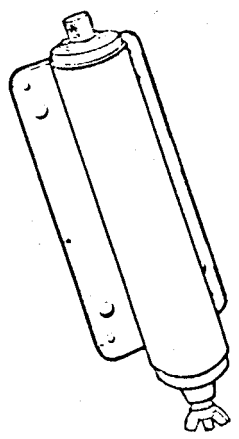
BASED ON THE WORLD BEATING XWBDA DIELECTRIC PRINCIPLE, THIS ANTENNA PROVIDES AN IDEAL UNIT FOR FREQUENCY AGILE RADIO EQUIPMENT AND MULTIFREQUENCY USERS ITS SMALL SIZE MAKES IT EASILY TRANSPORTABLE AND SIMPLE TO INSTALL.

TECHNICAL SPECIFICATION

FREQUENCY RANGE	: 1.5 — 30 MHz
VSWR	: 2 TO 1 OR BETTER ACROSS BAND
POWER RATINGS	: 600 PEP ICAS
WIRE KIT	: 10, 15 AND 25 METRES EACH SIDE.
MOUNTING	: BRACKET AND U BOLTS SUPPLIED
	S.A. PATENT NUMBER 80/6229

**ZS**





**ZSMU WIDEBAND H.F. MATCHING UNIT**

The ZSMU Wideband Matching Unit is designed for use with H.F. Radio installations requiring end-fed long wire or vertical whip antennas and operating in the range 1.5-30.0 MHz.

Whilst a VSWR of 2:1 or better can be achieved with radiating elements having a minimum length of 7.0 metres. It is recommended that if possible the radiator is cut to a length approximately a quarter wavelength long at the lowest frequency at which it is intended to operate.

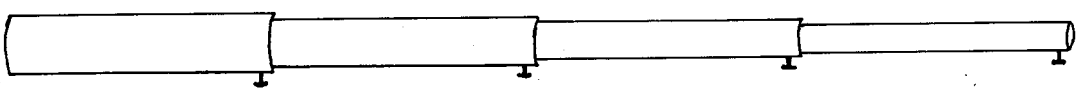
All models are housed in aluminium extrusions with SO239 sockets fitted as standard for the input and a stainless steel terminal with locknut and wing nut for the output.

Each unit is drilled to accept two 'U' bolts for clamping unit to support poles up to 50mm dia. and to allow screwing to a bulkhead if required.

All models cover the Frequency Range 1.5 - 30.0 MHz with a VSWR of better than 2:1 when used in conjunction with suitably sized and dimensioned radiator.

SPECIFICATION	ZSMU 400
Dimensions	
Overall Length	310mm
Height	50mm
Width	95mm
Max. Power P.E.P.	600w P.E.P.
Max. Power Cont. ICAS	100w

**ZS ANTENNAS VR TOWERS**



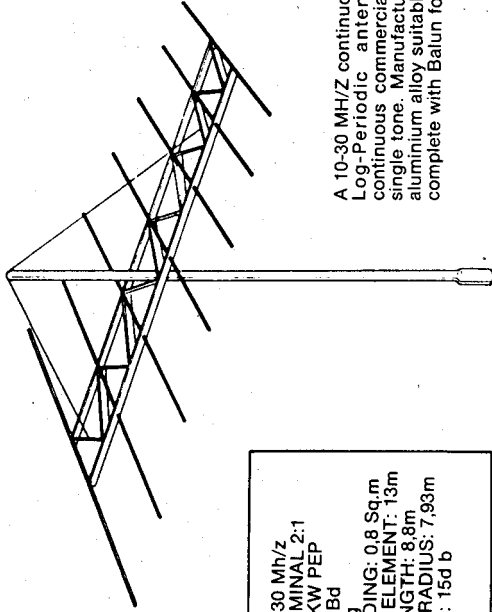
**TELETUBE**

A COLLAPSABLE TELESCOPIC STEEL TUBULAR MAST SUITABLE FOR PORTABLE OR PERMANENT INSTALLATION. THIS MAST IS AVAILABLE IN 12M AND 15M VERSIONS AND HAS A CHOICE OF PROTECTIVE FINISH. HOT DIP GALVANIZE FOR CORROSIVE AREAS OR PERMANANT USE. ELECTO GALVANIZE FOR PORTABLE OR NON CORROSIVE AREAS. CAPABLE OF SUPPORTING HEADLOADS OF 5 Kg AND WIND LOADS OF 50kg WHEN CORRECTLY GUYED, THIS TUBULAR MAST IS PERFECTLY SUITED FOR FIELD DAY AND VACATION USE. COLLAPSES TO 3M THUS EASILY CARRIED ON ROOF RACKS. THE MAST COMES COMPLETE WITH GUY RINGS AND LOCKING DEVICES. GUY WIRES ARE AVAILABLE AS OPTIONAL EXTRA TO SUIT INDIVIDUAL REQUIREMENTS.

**FEATURES COMMON TO V.R.E. MASTS:**

- (a) ONLY EX MILLS MATERIALS ARE EMPLOYED IN THE CONSTRUCTION OF V.R.E. MASTS.
- (b) ALL WELDING IS BY CO<sub>2</sub>/ARGON MIG AND INSPECTED AT LEAST 3 TIMES DURING MANUFACTURE.
- (c) LOAD BEARING MEMBERS OF MASTS ARE COMPLETELY FREE FROM HOLES - REMEMBER THIS WHEN CHOOSING A STRUCTURE WHICH IS TO OPERATE UNDER SEVERE CONDITIONS.
- (d) DIMENSIONAL ACCURACY OF OUR MASTS AND TOWERS IS TO TOLERANCES OF 1 mm OR LESS ASSURING YOU OF EASY ASSEMBLY AND A PLEASING APPEARANCE.
- (e) HOT DIPPED GALVANISED TO SABS 763, WE ALSO OFFER A PAINTED FINISH IN ADDITION.
- (f) REDUCTION IN ERECTION TIME OF MASTS AND TOWERS IS FACILITATED BY THE V.R.E. HINGED BASE. WHERE REQUIRED, MAST SECTIONS MAY BE RAISED AND BOLTED IN POSITION IN LESS THAN HALF THE TIME REQUIRED FOR CONVENTIONAL DESIGNS.
- (g) 63 MASTS AND TOWERS TO CHOOSE FROM - AND IF YOU CANNOT FIND THE ONE FOR YOUR PURPOSE AMONGST THEM, WE UNDERTAKE TO DESIGN AND BUILD ONE THAT WILL.
- (h) V.R.E. MASTS HAVE BEEN ERECTED IN THE ANTARCTIC AS SHOWN ON TELEVISION. SOME ARE IN THE KALAHARI DESERT, AND THE SWAMPS OF NORTHERN BOTSWANA, WHILE OTHERS STAND ON MOUNTAIN TOPS IN THE CAPE. V.R.E. MASTS ARE TOUGH.
- (i) PRODUCTS ARE GUARANTEED FOR A PERIOD OF 24 MONTHS AGAINST FAULTY WORKMANSHIP AND MATERIALS. NO LIABILITY IS ACCEPTED FOR SUB-CONTRACTOR'S SERVICES BEYOND THEIR OWN GUARANTEE.

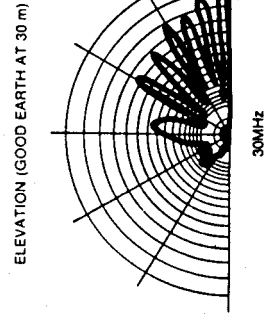
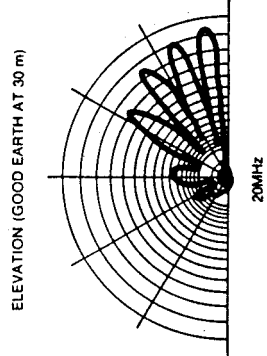
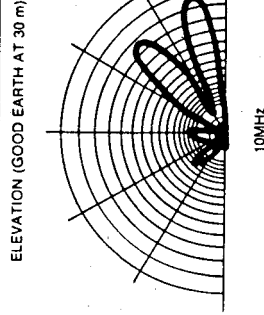
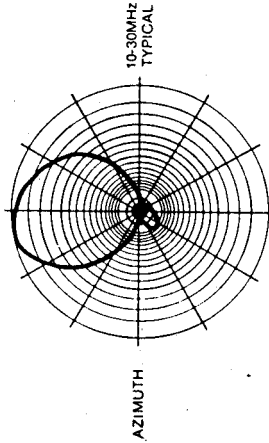
## ZS HF LP 10-30



FREQ.: 10-30 Mh/z  
 VSWR: NOMINAL 2:1  
 POWER: 5KW PEP  
 GAIN: 8.0dBd  
 Mass: 65Kg  
 WINDLOADING: 0.8 Sq.m  
 LONGEST ELEMENT: 13m  
 BOOM LENGTH: 8.8m  
 TURNING RADIUS: 7.93m  
 F/B RATIO: 15dB

A 10-30 MHz continuous coverage rotatable Log-Periodic antenna. Designed for continuous commercial service at 1.25 kW single tone. Manufactured from high tensile aluminium alloy suitable for all environments complete with Balun for 50 ohm feed.

### RADIATION PATTERN CHARACTERISTICS



## Z S R X

WIDE BAND RECEIVING ANTENNA 50 KC/S - 32 MH/Z

THE ZSRX IS A GENERAL PURPOSE RECEIVING ANTENNA COVERING THE INTERNATIONAL LONG, MEDIUM AND SHORT WAVE FREQUENCIES.

A DIRECT SPIN OFF OF THE ZS DIELECTRIC ANTENNAS, THE ZSRX EMPLOYS MANY OF THEIR FEATURES AND IS AIMED AT THE PROFESSIONAL MONITOR SERVICES, THE SERIOUS SHORT WAVE LISTENER AND THE GENERAL PUBLIC.

THE INCLUSION INTO BUILDINGS OF STEEL REINFORCING, ELECTRIC CABLES, WATER PIPES ETC. HAS THE EFFECT OF RADIATING INTERFERENCE THROUGHOUT AND IN CLOSE PROXIMITY TO SUCH STRUCTURES, RATHER LIKE AN ELECTRONIC SMOG WHICH CLINGS AROUND THE BUILDING.

USE OF THE ZSRX PERMITS THE ANTENNA TO BE MOUNTED CLEAR OF THIS ELECTRONIC SMOG, THE USE OF A SCREENED COAXIAL DOWNLEAD ALLOWS CONVENIENT ROUTING AND A MATCHING UNIT PERMITS COAXIAL OR HIGH IMPEDANCE INPUT TO THE RECEIVER.

WITH AN OVERALL LENGTH OF 5.5 METRES THE ANTENNA IS COMPLETE WITH FIXING CLAMP AND V BOLTS, RECEIVER MATCHING UNIT AND FULL MOUNTING INSTRUCTIONS. COAXIAL DOWNLEAD IS NOT INCLUDED. THIS CAN BE 50 OR 75 OHM SINGLE SCREENED.

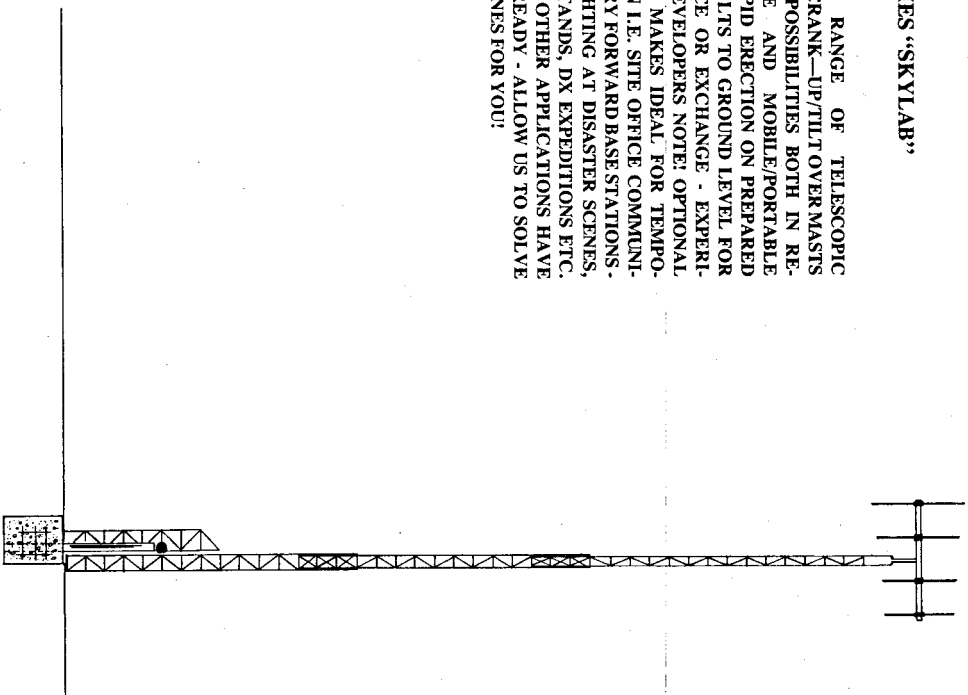
N.B. THIS ANTENNA IS NOT SUITABLE FOR TRANSMITTING PURPOSES.



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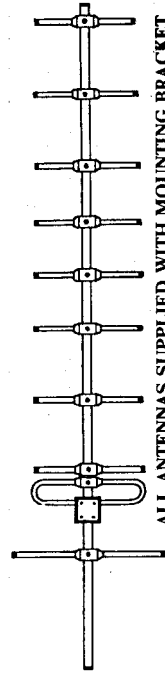
## SERIES "SKYLAB"

THIS EXCITING RANGE OF TELESCOPIC CRANK-UP AND CRANK-UP/TILT OVERMASTS OPENS UP NEW POSSIBILITIES BOTH IN RESTRICTED SPACE AND MOBILE/PORTABLE OPERATIONS. RAPID ERECTION ON PREPARED FOUNDATIONS, TILTS TO GROUND LEVEL FOR ANTENNA SERVICE OR EXCHANGE - EXPERIMENTERS AND DEVELOPERS NOTE! OPTIONAL TRAILER MOUNT MAKES IDEAL FOR TEMPORARY OPERATION I.E. SITE OFFICE COMMUNICATION - MILITARY FORWARD BASE STATIONS - EMERGENCY LIGHTING AT DISASTER SCENES, LOUSPEAKER STANDS, DX EXPEDITIONS ETC. ETC. NUMEROUS OTHER APPLICATIONS HAVE BEEN FOUND ALREADY - ALLOW US TO SOLVE THE DIFFICULT ONES FOR YOU!



## TECHNICAL SPECIFICATIONS 70 cm YAGIS

MODEL	ZS6U	ZS10U	ZS12U
FREQUENCY RANGE	MHz 430-450		
BANDWIDTH	10%		
GAIN	8.5	11.5	13
E PLANE	0	33	29
H PLANE	0	58	35
VSWR	LESS THAN 1.5:1		
POWER	W 250		
CONNECTOR	N MALE		
MASS	Kg 1.5	2	2
WINDLOADING 45ms	N 60	200	280
MAX. BOOM LENGTH	mm 1250	2000	2500
MAX. ELEMENT SIZE	mm 614		
FIXING	mm 25-50		



## LF/MF/HF ACTIVE RECEIVING ANTENNA

THIS ANTENNA HAS BEEN DESIGNED TO RECEIVE ONLY APPLICATIONS FOR THE BAND 200KHz TO 30MHz WHERE A PHYSICALLY VERY SMALL ANTENNA IS REQUIRED.

THE ANTENNA USES A STAINLESS STEEL WHIP WHICH IS CONNECTED TO THE WIDEBAND AMPLIFIER BUILT INTO THE MOUNTING BASE. A SPECIALLY TREATED CHROME BRACKET IS USED FOR FIXING THE ANTENNA. THE OVERALL SIZE OF THE BASE AND MOUNTING IS APPROXIMATELY THE SAME AS A NORMAL MOBILE VHF/UHF ANTENNA BASE.

OPERATION OF THE ANTENNAS IS FROM 11 TO 24 VOLTS D.C.

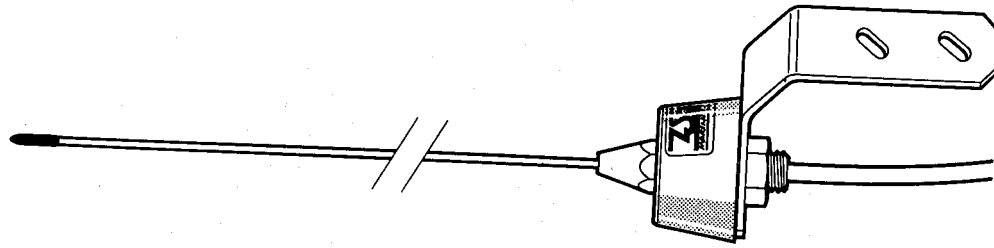
INSTALLATION OF THIS ANTENNA IS EXTREMELY SIMPLE.

1. CONNECT RED WIRE TO 11V — 24V. D.C. SUPPLY — POSITIVE.
2. CONNECT ONE COPPER BRAID WIRE TO D.C. SUPPLY — NEGATIVE.
3. CONNECT CLEAR WIRE TO ANTENNA TERMINAL OF RECEIVER.
4. CONNECT ONE COPPER BRAID WIRE TO RECEIVER EARTH TERMINAL.
5. MOUNT THE ANTENNA IN A LOCATION AS FREE AS POSSIBLE OF OBSTRUCTIONS AND AWAY FROM ELECTRICAL MACHINERY WHICH MAY INCREASE THE AMOUNT OF INTERFERENCE PICKED UP.

### CAUTION

ENSURE THAT THERE IS NO POSSIBILITY OF A TRANSMITTER BEING CONNECTED TO THE ANTENNA AS THIS WILL DESTROY THE WIDEBAND AMPLIFIER.

AVOID SITTING THE ANTENNA TOO CLOSE TO A HIGH POWER TRANSMITTER AS THIS MAY ALSO CAUSE DAMAGE.



## ZS HF MOBILE RANGE

ZS HF1 .....MHz  
COMPLETE ANTENNA

ZS HF1C .....MHz  
LOADING COIL ONLY

150W PER TUNEABLE MOBILE RANGE TO COMPLEMENT TODAY'S SOPHISTICATED HF SSB MOBILE TRANSCIEVERS.

TO FACILITATE FITTING & TUNING ZS OFFER A RANGE OF HF MOBILE ANTENNAS WHICH REQUIRE NO FIELD CUTTING, BASED ON STANDARD INTERCHANGIABLE COMPONENTS THE STOCK RANGES OFFERED ARE:-

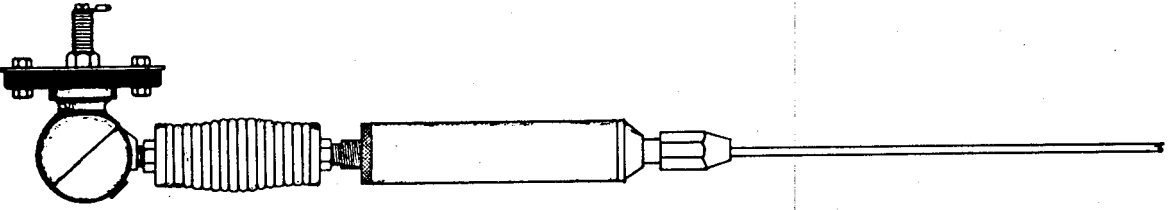
- 1.5-2.5:            2.0-3.0:            3.0-4.0:
- 4.0-6.3:           5.0-7.5:            6.0-8.8:
- 8.5-12.8:          12.18:

OTHER FREQ. TO ORDER.

A FERRITE LOADED COIL ROTATES ON SILVER PLATED THREADED HARDWARE TO PROVIDE TUNING. A RUGGED LOCK RING ENSURES POSITIVE RETENTION OF FREQUENCY. SIMPLY CONNECT THROUGH LINE WATT METER ROTATE FOR MINIMUM REFLECTED POWER AND LOCK.

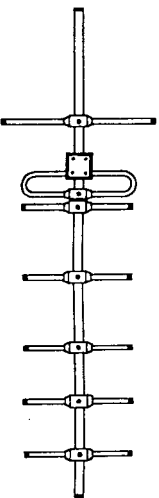
TESTS THROUGHOUT SOUTHERN AFRICA IN DENSE BUSH HAVE CLEARLY DEMONSTRATED THE SUPERIOR STRENGTH AND RELIABILITY OF THESE ANTENNAS.

SPRING & COIL FITTING 3/8" UNF ALLOWING INTERCHANGE WITH MANY AMERICAN BASES & SPRINGS. ALL PARTS AVAILABLE SEPERATLY.



## TECHNICAL SPECIFICATIONS 2M YAGIS

MODEL	ZS2H	ZS3H	ZS4H	ZS5H	ZS6H	ZS8H
FREQUENCY RANGE	144-146 MHz					
BANDWIDTH	10%					
GAIN	3	6	7	7.5	8.5	10
E PLANE	0	62	62	58	55	50
H PLANE	0	95	85	65	60	58
VSWR	LESS THAN 1.5:1					
POWER	250 W					
CONNECTOR	PL 259					
MASS	kg		2		2.5	
WINDLOADING 45ms	N	75	160	200	250	340
MAX. BOOMLENGTH	mm	1000	1250	2000	2500	3000
MAX. ELEMENT SIZE	mm	1080				
FIXING	mm	25-50				

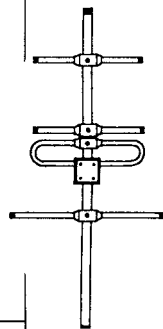


ALL ANTENNAS SUPPLIED WITH MOUNTING BRACKET



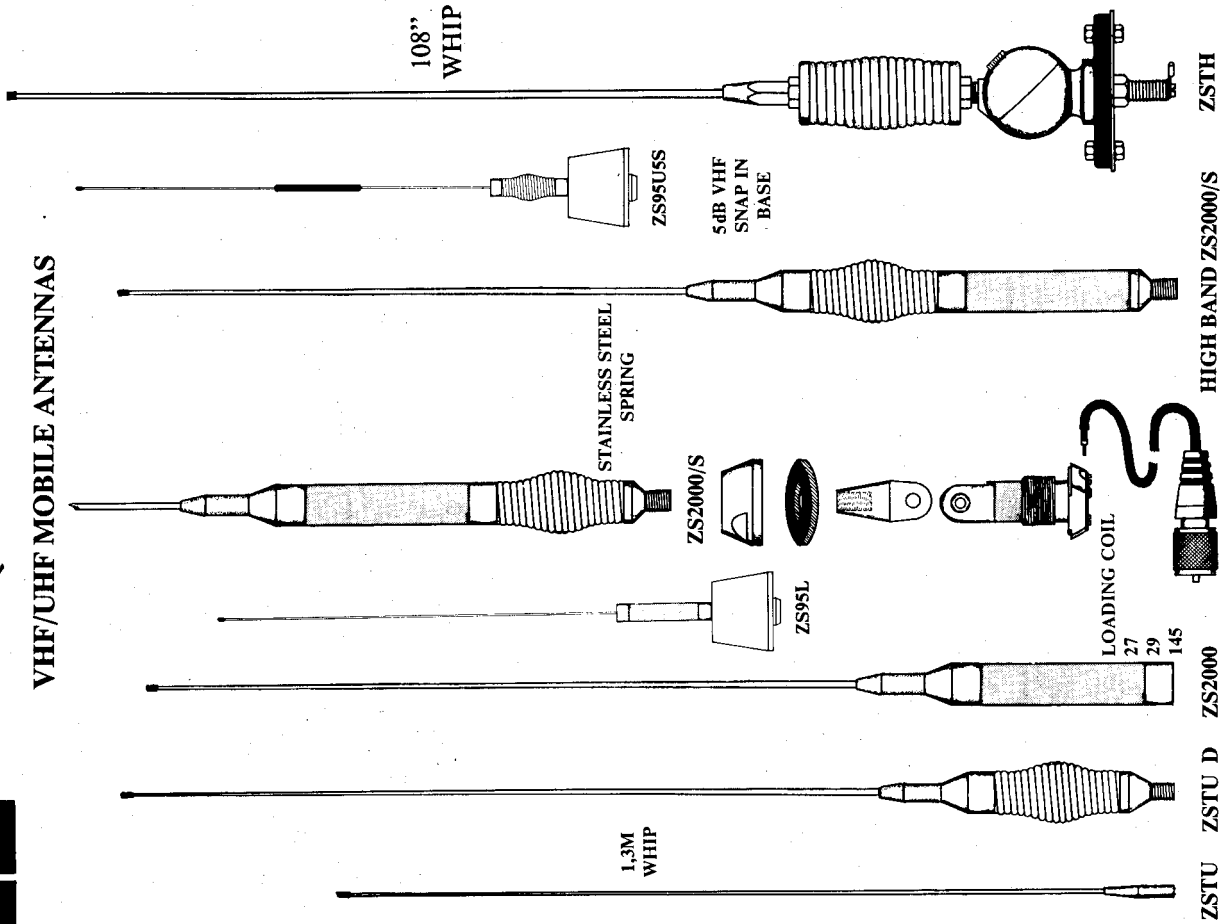
**TECHNICAL SPECIFICATIONS  
6M YAGIS**

MODEL	ZS2M	ZS3M	ZS4M
FREQUENCY RANGE	MHz 50-54		
BANDWIDTH	10%		
GAIN	3	6	7
E PLANE	0	62	68
H PLANE	0	95	65
VSWR	LESS THAN 1.5:1		
POWER	W 250		
CONNECTOR	PL. 259		
MASS	2	2	2.5
WINDLOADING 45ms	180	230	340
MAX. BOOM LENGTH	1666	2500	3500
MAX. ELEMENT SIZE	2750		
FIXING	25-50		



ALL ANTENNAS SUPPLIED WITH MOUNTING BRACKET

**VHF/UHF MOBILE ANTENNAS**



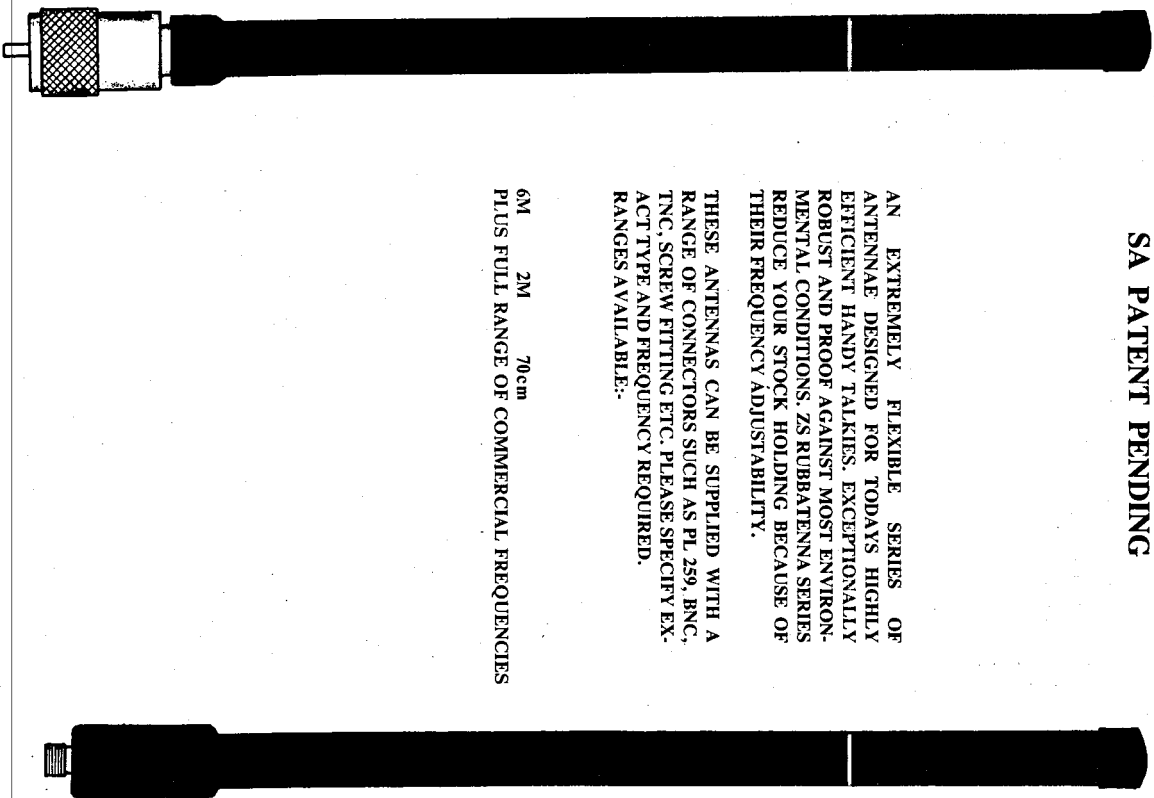
ZSTU ZSTU D ZS2000 ZS2000/S ZS95L ZS95USS ZSTH

**RUBBATELNA SERIES (NORMAL MODE HELICALS)  
SA PATENT PENDING**

AN EXTREMELY FLEXIBLE SERIES OF ANTENNAE DESIGNED FOR TODAY'S HIGHLY EFFICIENT HANDY TALKIES. EXCEPTIONALLY ROBUST AND PROOF AGAINST MOST ENVIRONMENTAL CONDITIONS. ZS RUBBATELNA SERIES REDUCE YOUR STOCK HOLDING BECAUSE OF THEIR FREQUENCY ADJUSTABILITY.

THESE ANTENNAS CAN BE SUPPLIED WITH A RANGE OF CONNECTORS SUCH AS PL 259, BNC, TNC, SCREW FITTING ETC. PLEASE SPECIFY EXACT TYPE AND FREQUENCY REQUIRED. RANGES AVAILABLE:-

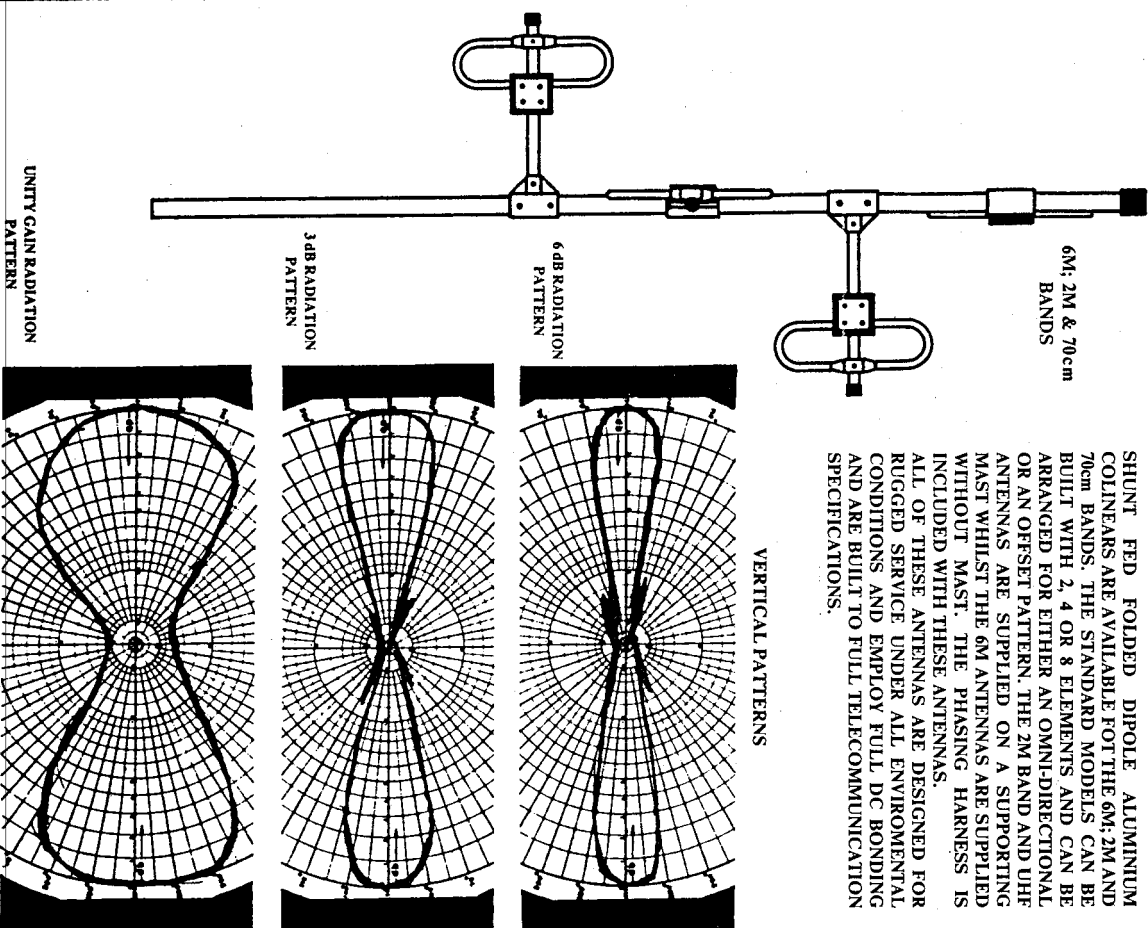
6M 2M 70cm  
PLUS FULL RANGE OF COMMERCIAL FREQUENCIES



**FOLDED DIPOLE COLLINEAR ARRAYS**

SHUNT FED FOLDED DIPOLE ALUMINIUM COLLINEARS ARE AVAILABLE FOR THE 6M, 2M AND 70cm BANDS. THE STANDARD MODELS CAN BE BUILT WITH 2, 4 OR 8 ELEMENTS AND CAN BE ARRANGED FOR EITHER AN OMNI-DIRECTIONAL OR AN OFFSET PATTERN. THE 2M BAND AND UHF ANTENNAS ARE SUPPLIED ON A SUPPORTING MAST WHILST THE 6M ANTENNAS ARE SUPPLIED WITHOUT MAST. THE PHASING HARNESS IS INCLUDED WITH THESE ANTENNAS. ALL OF THESE ANTENNAS ARE DESIGNED FOR RUGGED SERVICE UNDER ALL ENVIRONMENTAL CONDITIONS AND EMPLOY FULL DC BONDING AND ARE BUILT TO FULL TELECOMMUNICATION SPECIFICATIONS.

**VERTICAL PATTERNS**





# ELECTRONIQUES (PTY.) LTD.

P.O. BOX 51577  
 RANDBURG, SOUTH AFRICA  
 2125  
 TEL: (011) 793-1051/2/3  
 TELEX 4-25458

14 NAAF STREET  
 STRYDOM PARK EXT. 2  
 RANDBURG  
 2194

PRICE LIST	AMATEUR NETT	SEPTEMBER 1983
HF TX + RX		
UNIMATCH MK III LESS WIRES	R 215.00	COAX RG213 UPDATED RG8 MIL SPEC. R 1.10/M
ZSHFLP COMPLETE INC. BALLUN	R1500.00	RG58/CU MIL SPEC. R 0.33/M
ZSHFM MOBILE COMPLETE	R 160.00	PL 258 BACK TO BACK R 1.88
ZSHFLC LOADING COIL	R 85.75	PL259 CONNECTOR FOR RG213 R 1.20
ZSTH HEAVY DUTY MOBILE 108"	R 77.50	PL259 CONNECTOR FOR RG58 R 1.20
HF RX ONLY		SO239 SOCKET BULKHEAD R 1.00
ZSRX COMPLETE WITH MATCHING		BNC CONNECTOR FOR RG58 R 2.00
BOXES LESS COAX (50/75 OHM)	R 150.00	BNC SOCKET 50 OHM R 2.00
VHF 6M		RIGHT ANGLE PL259 R 4.00
ZSJM/A	R 99.80	UHF LIGHTENING ARRESTOR R 4.00
ZS1M/A	R 119.00	<b>TOWERS</b>
ZS3M/A	R 183.00	THESE ARE APPROXIMATE PRICES
ZS6/A MATCHING HARNESS	R 30.00	FIRM QUOTE GIVEN AGAINST
ZS2000/A	R 24.50	EXACT REQUIREMENT. i.e. ROTOR
ZS95/A	R 16.50	FIXING DETAIL/WINCH TYPE GUY
2M		DETAIL etc.
ZSJH/A	R 56.50	<b>CRANK UP/TILT OVER WITH 2 WINCHES</b>
ZS1B/A	R 46.50	12M R1200.00
ZS5H/A	R 66.00	18M R1600.00
ZS10H/A	R 99.00	24M R2600.00
ZS4SH/A	R 483.00	<b>TELETUBE LESS GUYS</b>
ZS2000L/A	R 35.50	12M R 100.00
ZS95L/A	R 29.50	15M R 125.00
ZS2/A MATCHING HARNESS	R 20.00	<b>GUYED TOWERS SATURN SERIES</b>
70cm		12M R1206.00
ZS4SU/A	R 240.00	18M R1670.00
ZS10U/A	R 80.50	24M R2080.00
ZS95U/6	R 22.00	<b>SELF SUPPORTING TOWERS</b>
		18M R3276.00

ZS RESERVES THE RIGHT TO CHANGE PRICES AND SPECS WITHOUT PRIOR NOTICE

