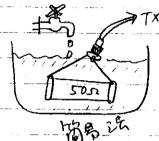
13 電波の出口から先 ...

(注)水口 话电率が大主任(きロ)、補正板2 「特」いてあるかできない、注意をうなる可能とろう。 たるに、ローコーの中にある(表面がはそ)のではないまかではよ

高電力用の立派なのかでない人(私みたいに) には、水冷かきしか美しい。



三共特殊無線の無誘導Rは ・ 水方など 10倍はカタイ。 20倍に在3と、水か、突流、(爆発的)= 熱とうする)して、大変危険。の

「お湯テッポウ」です。あつい。

それに 面はるアンテナが(全システムを含めて) 火要であります。問題をおこしやすい筋筋は

① バラン (放電や発熱による絶縁な化)

- ②トラッフ·一せっと一無いパワー入れるにやけり.Quad!
- ③ 切換之リレー回絡(バンドの換え) cf cv-78
- ④まれに同軸と同軸コネクター
- 同軸はますか、5D2Vなんか、お使いではないと信じますかり (これは DKW くらいで使うと、やめらかくてるのかりかりました。 10D2V2"HF なら「定格2KW」とのこと。アマチュアの 使用ならまずらの3倍はのドではう。
- · 同軸コネクターは、のは LC-1 タイプや 78インチ同軸管用 ものが入手できるはずもないので、(同軸もうちには無いので) カッンバッテ、HN型(50の)にしてあきましかか。

15.80月なる秋葉原、ラジオデパートの神保(じんぼう)ご 10月11 1リエートの社長さんにお原いはしょう。

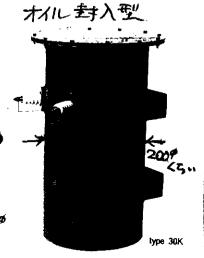
HF平衡・不平衡変換器 (クリエートーデサネロン) CB-2F/X

変調特性となるようにフェライトコアーを用いた広帯域トランスです。 プ6K以上のパランにはコネクターが付属しています。

TYPE	- 14 2K 4 25	AN WAR	544 6K	10K	
Freq(MHz)	2-30	2-30	2 30	2 30	
Ratio	1:1	1:1	1:1	1:1	
PWR(kw)	0.5/2	1/4	2/6	3/10	
Connector	M	M	HN	HN	
Loss(dB)	0.3	0.3	0.2	0.2	
Yen	¥5,000	¥9,800	¥ 29,800	¥78,000	







★表示電力値は平均値/尖頭値(SWR1.5以下)



ALLGON BROADBAND HIGH POWER LOG. PERIODIC HF ANTENNA

PURPOSES

Allgon 601 is a steerable log — periodic antenna for broadcasting and communica-tion over medium and long distances in the HF range, for transmitters, within the high and super high power range up to 500 kW carrier + 100% AM modula-tion over the frequency range 6 — 26 MHz. The boom is tiltable, allowing beam — shaping to optimize communication. The feed system is completely capsulated. making the antenna system insensitive of climatic conditions.

ELECTRICAL DESCRIPTION

The log — periodic structure consists of 18 ea halfwawe dipoles, carried by a rectangular aluminium boom. To obtain good radiation characteristics, low standing wave ratio and high power handling capability, the following measures have been

- A considerable boom length /39,6 m/ has been chosen.
 The connections along the paralell line, the feed point and at the dipoles have been welldimensioned and shaped in a way to obtain a low VSWR rel. 50 ohm
- 3. The feed system is completely covered by the boom. The system is sealed and
- can be filled with dried air or gas.

 4. Measures have been taken to facilitate inspection and replacement of the radiating elements, insulators or other parts if necessary.

BEAM-SHAPING

The take — off angle at a given frequency can be varied changing the antenna inclination. The feature permits a controlled illumination of the wanted geografic area. If lobe splitting causes distorsion or other disadvantages, changing of the antenna inclination can reduce side lobes in the H plane and give a concentrated pattern. Backwards leaning of the antenna structure gives a high take — off angle at low transmission over short distances. These features cannot be achieved with the antenna on free space height.

POWER HANDLING CAPABILITY

The power is primarily limited by the coaxial feed cable inside the boom. The cable diameter in its turn is determined by the space inside the boom. For the chosen cable the VSWR of the antenna is another factor limiting the power. This antenna has initially a very low VSWR and enclosing of essential parts renders the system unsusceptible to influence of humidity, ice or impurities. The maximum nominal power is determined at the upper frequency limit.

MECHANICAL DESCRIPTION

The radiator consists of open dipoles, connected to a parallel feed line inside the boom. The boom is a box — beam of rectangular crossection from angle sections and sheets of light metal alloy, quality SIS 144212-06 equiv. to B51SWP. The corrosion resistance of this alloy is good under all conditions. The vital parts of the parallel line and the feed points are totally enclosed in the boom and protected against water, salt, sand or other foreign matter.

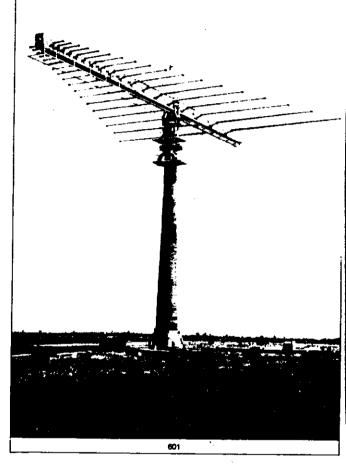
opanist water, sait, said or other loveign matter.

Openings are provided to carry off condensed water or sand. The dipotes are made of light metal of the same quality as the boom. They are supported by conical insulators of polyesterbonded fiberglass and adjustable ceramic insulators. The aeroelastic vibration of the dipotes is absorbed by vibration dampers.

INSTALLATION

Allgon 601 is designed for fast and safe installation. All main parts of the antenna Allgon out its designed for rast and sare installation. All main pairs of the antenna are preassembled at factory. A thorough installation manual will be delivered together with the antenna. If delivered as a complete system with steel tower, Allgon will also furnish all necessary drawings for foundations. Alternatively, Allgon can supply drawings for a concrete tower. Obstruction lights can be supplied adjacents. lied octionally

このアンテナなら 絶対 mtias ? スウェーデンの友人が 買えしとウルサイ



-	ELECTRICAL		Ţ
:	Frequency	5.9 — 26.1 MHz	1
ŀ	Radiation characteristics	Directional	t
1	Polarization	Horizontal	1
1	Gain, free space	8 dBi	1
1	Gain, over ground with		ı
1	good conductivity	11 — 14 dBi	ł
21	VSWR	1.4.1	۱
₽[Impedance	50 Ω (Optimal 50-60 Ω	ı
7	transformation line inside tower can be supplied)	ムオラオラ	Ī
íl:	Power handling capability	Up to 500 kW carrier 4777	L
	transmitting	+ 100% AM modulation = 92.	ľ
: [MECHANICAL		₫`
? [ı
	Boom lenght	39.6 m	1
:	Span of longest dipole	26.5 m	ı
	Number of dipoles	18	1
	Max. exposed wind area	44m²	1
	Transport weight,		ı
П	antenna structure	9.3 t	ı
1	Weight, largest transport unit Dimensions.	2.5 t	
1			ı
1	largest transport unit Wind, without ice	14 0 x 2 3 x 1.3 m	ĺ
1	Wind, with 5 cm radial ice	46 m/s	Ĺ
1	Max. antenna height at	25 mis	i
1	full elevation	35 m	ı
L	TUTI GREAGICAL	30 m	ı
	TOWER		
1	Туре	T 2111	1
1	Height	17.8 m	Ĺ
1	Base diameter	25 m	1
1	Transport weight	8.5 t	
1	Dimensions, largest transport unit	17.8×2.7×2.7 m	l

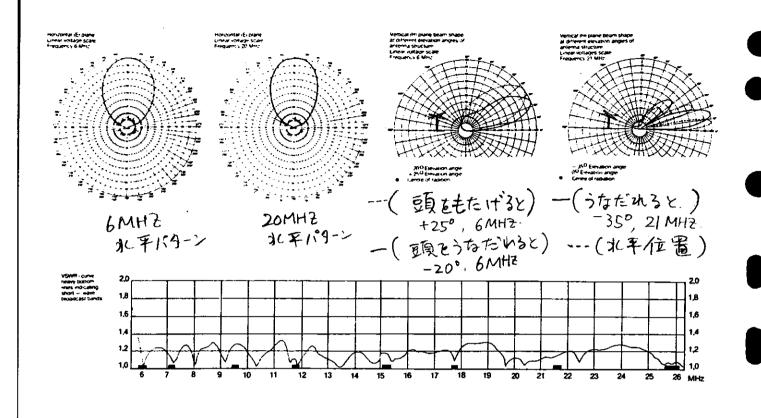
PULLVIER SEPTEMBER BURNERS SEPTEMBER

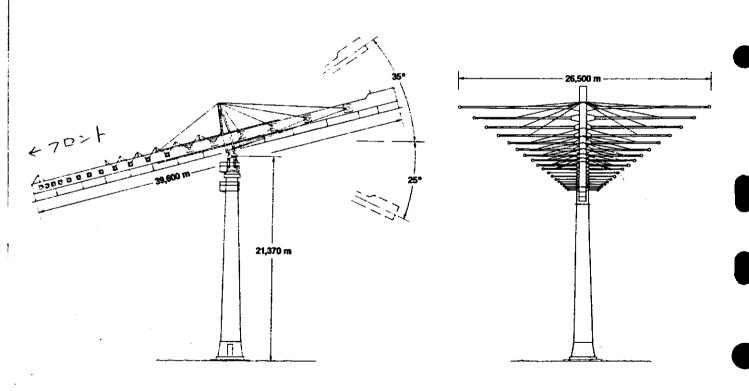
Angle speed, azimuth Azimuth kimits Mains Mains Power requirement Wind area Transport dimensions Transport weight	180" /min. None 3-phase, 380/220 V.50 Hz 4 KW 7 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		
ELEVATION DRIVE Type Angle speed Elevation limits Mains Power requirements Wind area Transport dimensions Transport weight	AE 2106 20" Imin. —55" I + 25" 3-phase, 380/220 V, 50 Hz 2.5 KW = = = = = = = = = = = = = = = = = =		
CONTROL SYSTEM Alternative Control Panel types for extended local control from transmitter site:			
Mode Manual only Manual plus 6 preset positions Manual plus 15 preset positions	Azimuth Elevation ARS-O AES-O ARS-6 AES-6 ARS-12 not available		

AR 2113

AZIMUTH DRIVE

12





<u> お値段</u> およれ \$300,000,000 くらい。(97-他込み) 円高の 今が お買い時かも。