

8 January 1962

OSCILLATOR, RADIO FREQUENCY 0-466(XN-1)/SRC

Cog Service:

FSN:

Functional Class:

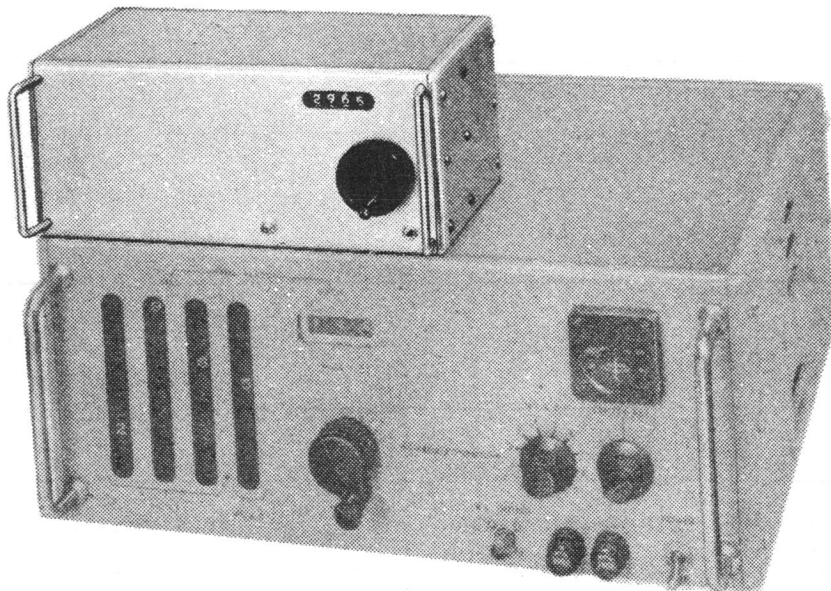
USA

USN

USAF

**TYPE CLASS:**

**MANUFACTURER'S NAME/CODE NUMBER:** Manson Laboratories Incorporated.



*Oscillator, Radio Frequency 0-466(XN-1)/SRC*

**FUNCTIONAL DESCRIPTION:**

The Oscillator, Radio Frequency is subminiaturized and is designed for general purpose use with transmitters and receivers.

No field changes in effect at time of preparation (17 July 1961).

**TECHNICAL CHARACTERISTICS:**

TYPE OF MOUNTING: Table mounted.

NUMBER OF BANDS: 1 band.

NUMBER OF CHANNELS: 1750 channels.

OPERATING FREQUENCY RANGE: 18.75 to 34.88 mc.

FREQUENCY STABILITY: 1 part in  $10^7$  per day.

TUNING INCREMENTS: 8.33 kc.

ACCURACY: 0.0001%.

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**0-466(XN-1)/SRC OSCILLATOR, RADIO FREQUENCY**

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READABILITY ERROR: Zero.  
RESETTABILITY ERROR: Zero.  
SPURIOUS SIGNALS: Down 80 db, except for harmonies of the output.  
OUTPUT IMPEDANCE: 90 ohms.  
POWER OUTPUT: 100 mw.  
OPERATING POWER RQMT: 115 v ac, 50 to 60 cps, single ph.

**RELATION TO OTHER EQUIPMENT:**

The 0-466(XN-1)/SRC is designed to be used with, but not a part of Radio Receiving Set AN/URR-13 series and Navy Model Radio Transmitting Equipment TED series.

**EQUIPMENT REQUIRED BUT NOT SUPPLIED:** None.

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**MAJOR COMPONENTS**

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QTY	ITEM	STOCK NUMBERS	DIMENSIONS (INCHES)	WEIGHT (LBS)
1	Oscillator, Radio Frequency 0-466(XN-1)/SRC w/o Power Supply		3-11/16 x 4-5/8 x 9	10
1	Oscillator, Radio Frequency 0-466(XN-1)/SRC w/Power Supply		3-11/16 x 6-15/16 x 9	12

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**REFERENCE DATA AND LITERATURE:**

Manson Laboratories Incorporated: Catalog for Oscillator, Radio Frequency 0-466(XN-1)/SR (Model N248).

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**TUBE, CRYSTAL AND/OR SEMI-CONDUCTOR DATA:**

TUBES: Data not available.

CRYSTALS: Data not available.

SEMI-CONDUCTORS: Data not available.

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**SHIPPING DATA**

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PKGS	VOLUME (CU FT)	WEIGHT (LBS)
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**PROCUREMENT DATA**

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PROCURING SERVICE:  
SPEC &/OR DWG: SHIPS-S-2335

DESIGN COG: USN, BuShips

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1.2 0-466(XN-1)/SRC: 2

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OSCILLATOR, RADIO FREQUENCY 0-466(XN-1)/SRC

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CONTRACTOR	LOCATION	CONTRACT OR ORDER NO.	APPROX. UNIT COST
Manson Laboratories, Inc. Model N248 Dwg no. B-N248-106	Stamford, Conn.	N0bsr-72587, 19 August 1958	

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