
AN/UPM-79 STANDING WAVE RATIO INDICATOR

EQUIPMENT REQUIRED BUT NOT SUPPLIED: None.

MAJOR COMPONENTS

| QTY | ITEM | STOCK NUMBERS | DIMENSIONS (INCHES) | WEIGHT (LBS) |
|-----|--|---------------|------------------------|-----------------|
| 1 | Standing Wave Ratio Indicator AN/UPM-79 includes: | | | |
| 1 | Indicator, Standing Wave Ratio IM-120/UPM-79 | | 6-3/4 x 7-1/4 x 9-1/4 | 6 |
| 1 | Case, Indicator CY-1978/UPM-79 | | | |

REFERENCE DATA AND LITERATURE:

NAVSHIPS 91958A: Technical Manual for Radar Set AN/SPS-5B.

TUBE, CRYSTAL AND/OR SEMI-CONDUCTOR DATA:

TUBES: None used.

CRYSTALS: None used.

SEMI-CONDUCTORS: (1) 1N25

SHIPPING DATA

| PKGS | VOLUME (CU FT) | WEIGHT(LBS) |
|------|----------------|-------------|
|------|----------------|-------------|

PROCUREMENT DATA

PROCURING SERVICE: USN
SPEC &/OR DWG:

DESIGN COG: USN, BuShips

| CONTRACTOR | LOCATION | CONTRACT OR ORDER NO. | APPROX. UNIT COST |
|------------------|----------------|---------------------------------|----------------------|
| Raytheon Mfg Co. | Waltham, Mass. | N0bsr-57072, 7 November 1951 | \$246.00 |

28 May 1962
Cog Service: USN FSN:

STANDING WAVE RATIO INDICATOR AN/UPM-79
Functional Class: 6.2.2.

USA

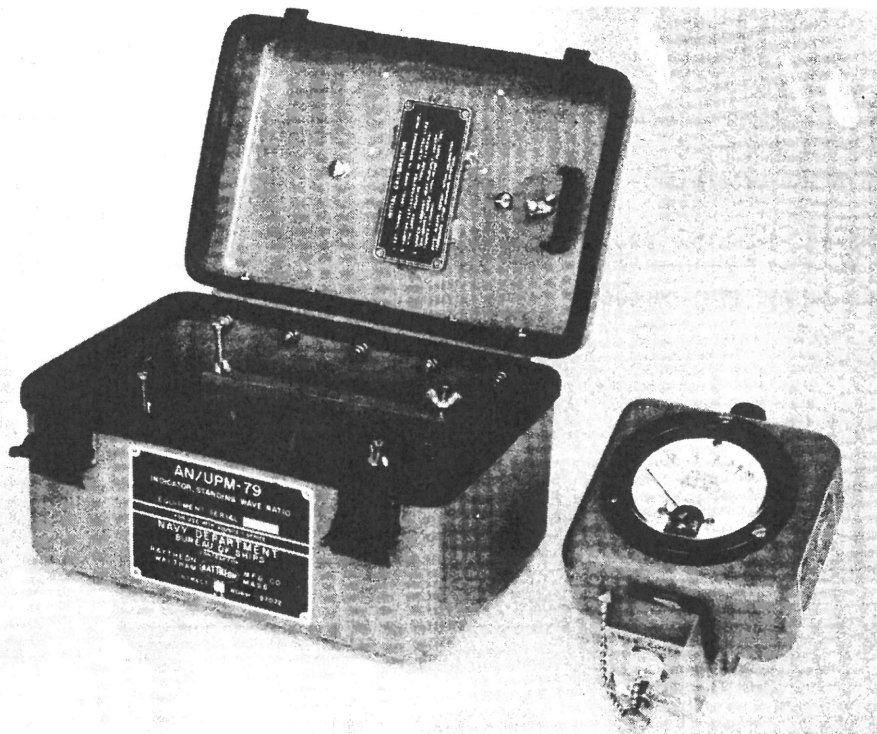
USN

USAF

TYPE CLASS:

Used by

MANUFACTURER'S NAME/CODE NUMBER: Raytheon Mfg Co., (49956).



Standing Wave Ratio Indicator AN/UPM-79

FUNCTIONAL DESCRIPTION:

Standing Wave Ratio Indicator AN/UPM-79 is designed for temporary insertion into the slotted section of Directional Coupler CU-245/U to provide measurement of the overall standing wave ratio of the waveguide and the antenna system, and a rough indication of transmitter power level.

No field changes in effect at time of preparation (1 March 1962).

TECHNICAL CHARACTERISTICS:

FREQUENCY RANGE: 6275 to 6575 mc.

VSWR: 1.6.

RELATION TO OTHER EQUIPMENT: None.