

RCA CUSTOM ANTENNAS

multiple tv outlets-one antenna system

DESCRIPTION

A television antenna mounting bracket designed especially for installation during home building construction. Suitable for use with virtually any type of roofing design or construction, the RCA Custom Antenna Mount eliminates the need for guy wires and "exposed" television lead-in cables. It minimizes the possibility of roof leaks sometimes caused by conventional mountings. Heavy duty construction.

SPECIFICATIONS

Weight: 8-1/4 lbs.

Dimensions: Overall Length 33-1/2 inches.

Mast receptacle approximately 13 inches from tip to flash collar.

Accommodates masts up to 1-3/8 inch O.D.

Stainless steel hexagon set-screws secure mast.

Lower angle portion of mount secured with 1/4 inch lag screws to roof rafters and siding studs.

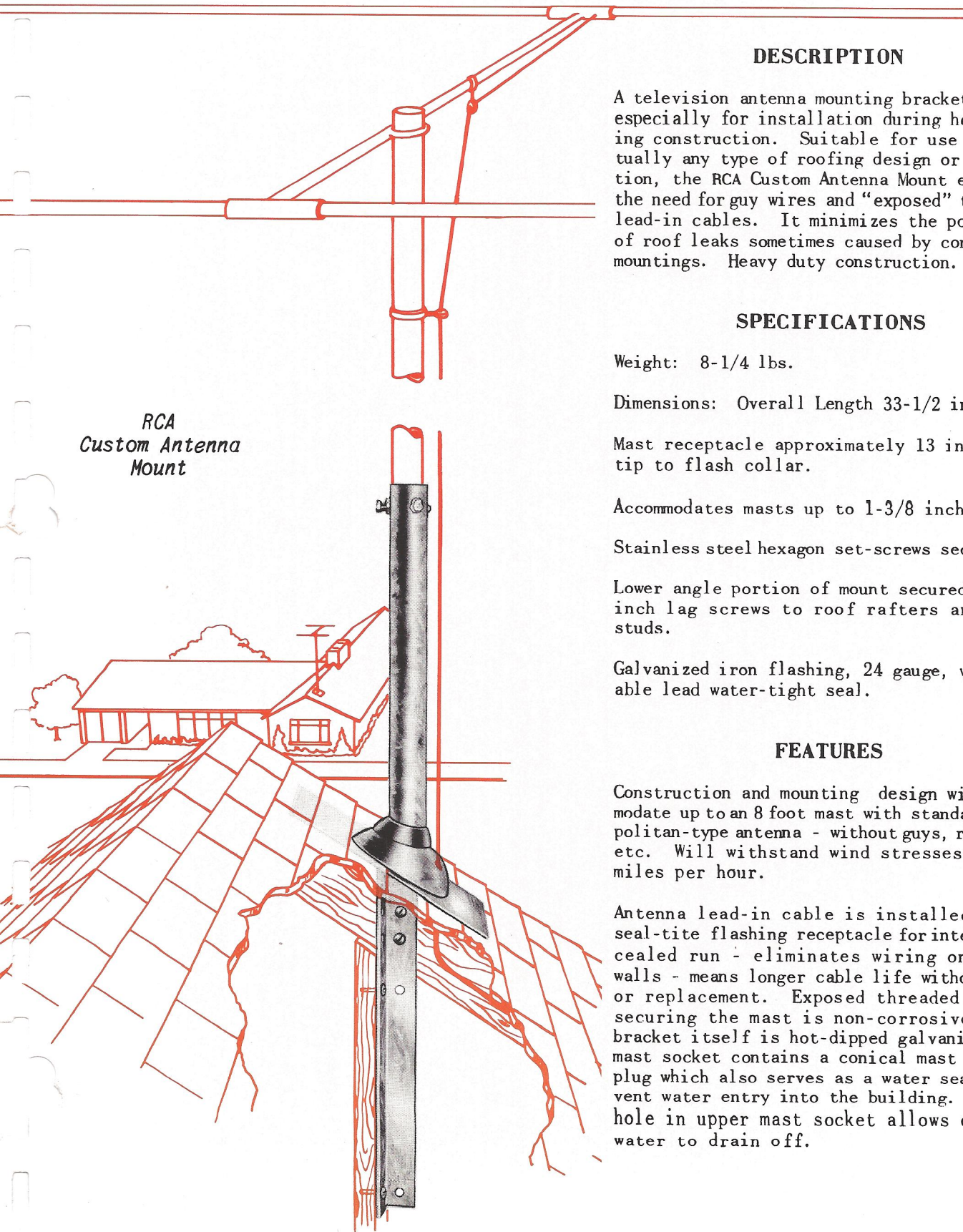
Galvanized iron flashing, 24 gauge, with malleable lead water-tight seal.

FEATURES

Construction and mounting design will accommodate up to an 8 foot mast with standard metropolitan-type antenna - without guys, roof hooks, etc. Will withstand wind stresses up to 90 miles per hour.

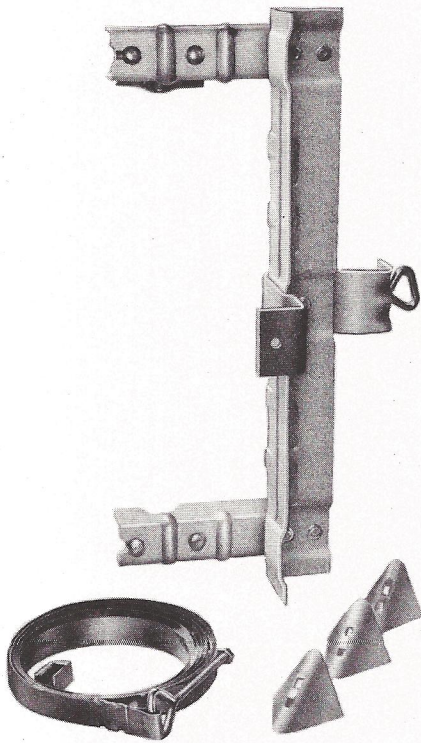
Antenna lead-in cable is installed through seal-tite flashing receptacle for interior concealed run - eliminates wiring on outside walls - means longer cable life without repair or replacement. Exposed threaded hardware securing the mast is non-corrosive and the bracket itself is hot-dipped galvanized. The mast socket contains a conical mast centering plug which also serves as a water seal to prevent water entry into the building. Drainage hole in upper mast socket allows collected water to drain off.

RCA
Custom Antenna
Mount



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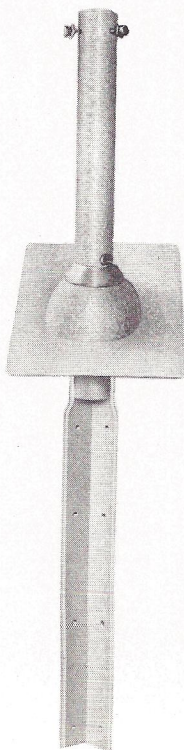


A chimney bracket-type antenna mast support of one-piece construction. High-quality hot dip galvanized steel with stainless steel mounting strap. Designed to support a bending moment in excess of 350 ft. lbs. Supplied with corner protectors. For masts up to 1½" diameter.

Specifications

Height 18"
Strap Length . . . 10 ft. (extra strap available for chimneys having girth in excess of 10 feet.)

Stock No. 931510



A permanent built-in antenna mast support for installation in new home construction. Manufactured to rigid specifications, it is constructed of hot dipped galvanized steel. For mounting to roof rafter and side wall studdings. Used with flashing RCA stock No. 965118. It will accommodate masts up to 1⅜" diameter.

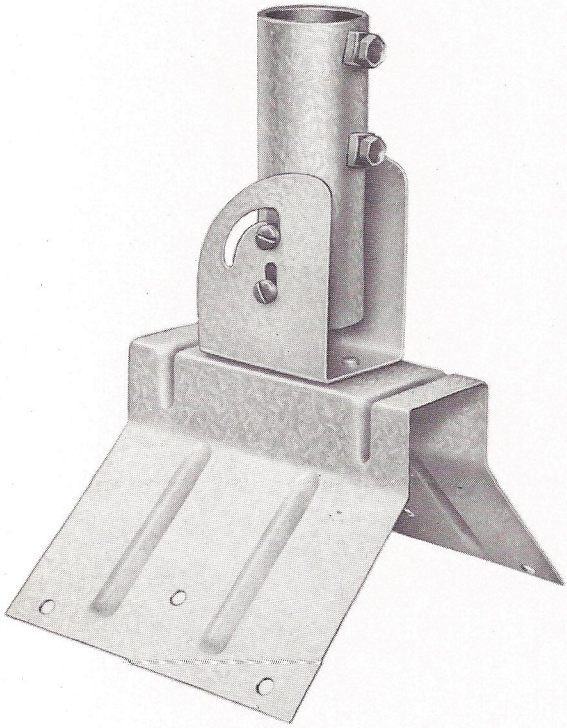
Specifications

Length 35 inches
Weight 8½ lbs.
Depth of Socket 12"
Maximum Recommended Mast Height . . .
 8 ft. (with standard antennas)

Stock No. 965117

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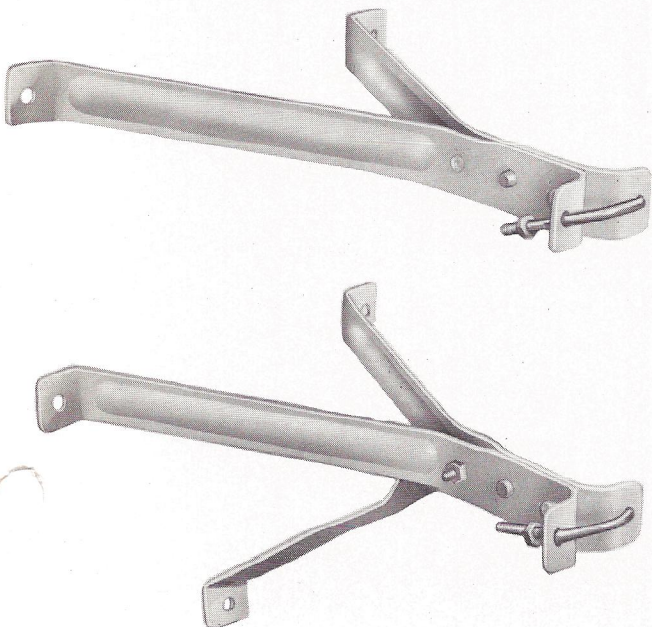


An antenna mast support of high-quality heavily plated steel construction for use on flat or peaked roofs. Designed to support guyed masts up to 30 feet in height. Supplied with hinged mast socket for masts up to 1 1/2" diameter.

Specifications

Normal Height (flat condition) 8"
Footage requirement (flat condition) . . .
 6 1/2 x 11"
Weight 3 1/4 lbs.

Stock No. 965065



A rugged, heavily plated sidewall mount for masts up to 1 1/2" in diameter. Provides a mast offset of 12" and may be used with masts up to 10' in height.

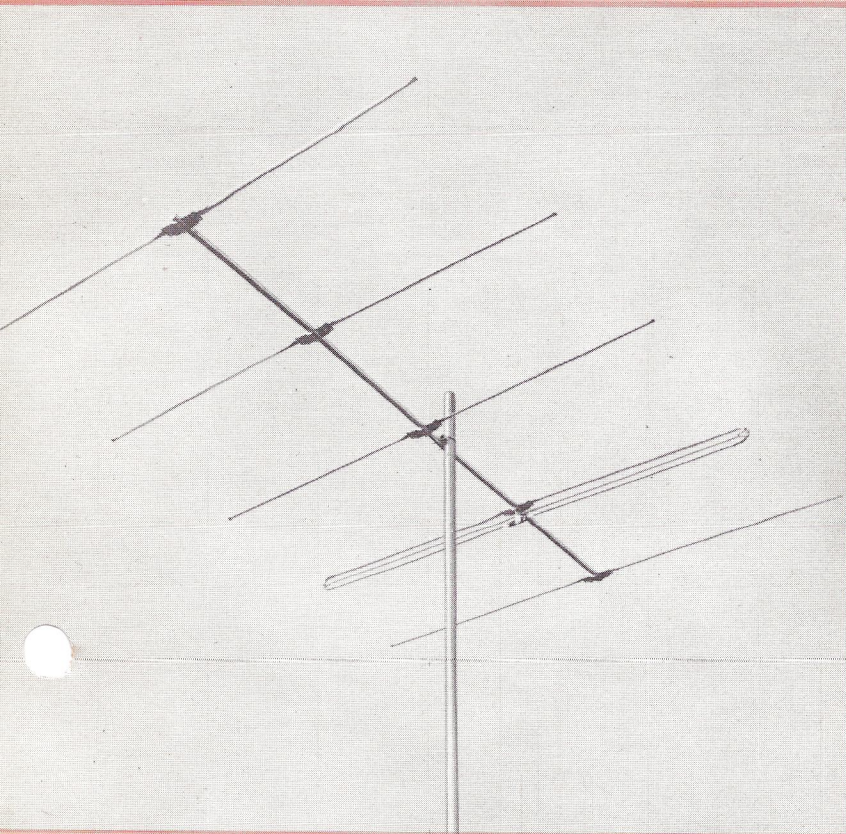
Specifications

Mast Offset 12"
Screw Hole (center to center) 9"
Material . . . 12 gauge x 1 1/4" steel heavily embossed for maximum strength
Weight (complete bracket) 3 lbs.

Stock No. 965082

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multiple tv outlets-one antenna system



A five element "Yagi" type antenna of high-quality aluminum construction. Supplied with "U" bolt and mast clamp for mounting on masts up to 1 $\frac{3}{8}$ inches in diameter.

Specifications:

Frequency . . . Each antenna provides reception from one VHF television channel

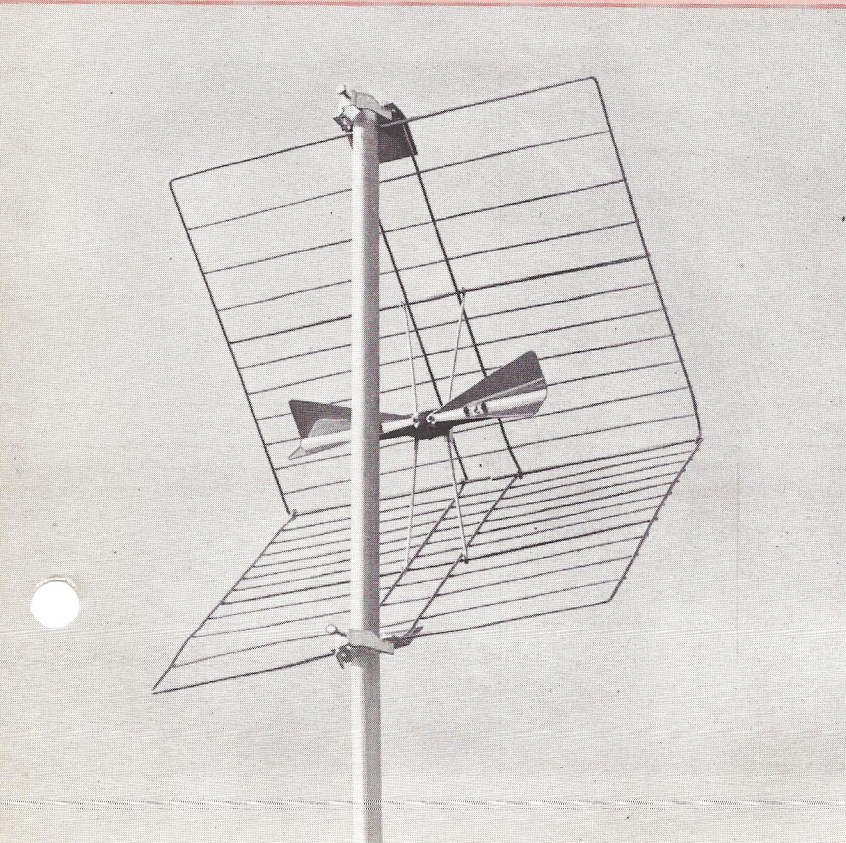
Load Impedance . . . 300 ohms, balanced

Gain 7 DB above resonant dipole

Front to Back Ratio . . . 5 to 1 average

Wind Load . . . From 38 lbs. at 90 MPH for Channel 2, to 13 lbs. at 90 MPH for Channel 13

**Stock Nos. 931942
thru 931953**



A UHF corner-reflector type antenna with a fan dipole of broad band design. High-quality steel, aluminum and tenite construction. Supplied with "U" bolts and mast clamp for mounting on masts up to 1 $\frac{3}{8}$ inches in diameter.

Specifications:

Frequency TV Channels 14 thru 83

Load Impedance 300 ohms balanced

Gain . . . Average of 11 DB across UHF band

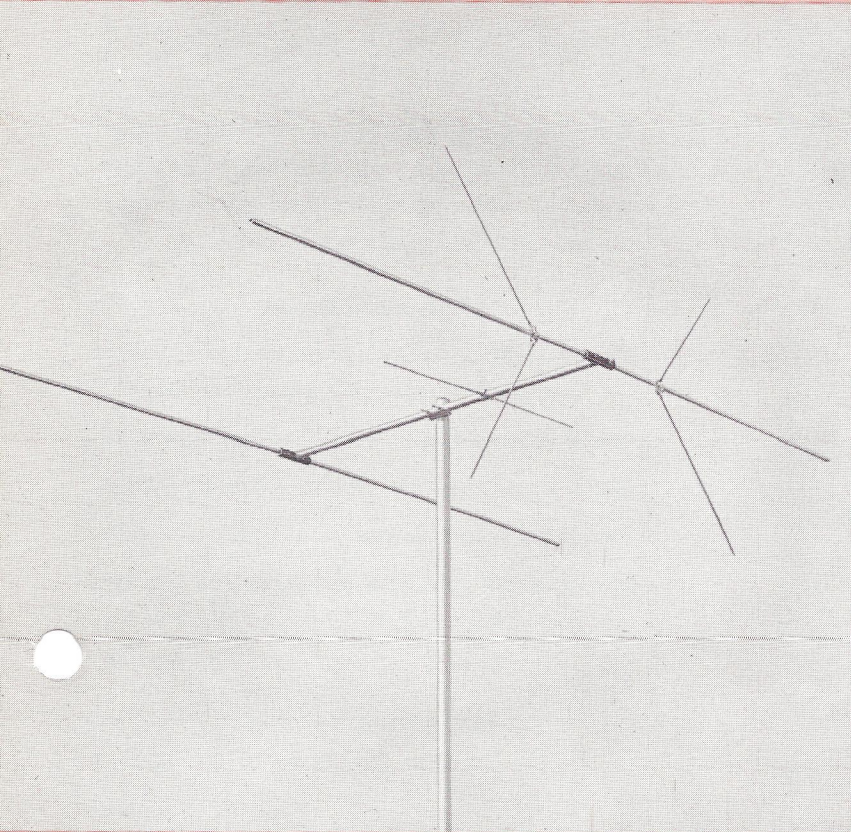
Front to Back Ratio 20 to 1

Wind Load 27.5 lbs. at 90 MPH

Stock No. 965306

MASTER-TENNA[®] by RCA

multiple tv outlets-one antenna system



A dipole and reflector-type antenna with lobe shifting high-frequency elements. High-quality construction of aluminum and high dielectric bakelite. Supplied with "U" bolt and mast clamp for mounting on masts up to $1\frac{3}{8}$ inches in diameter.

Specifications:

Frequency TV Channels 2-6, 7-13

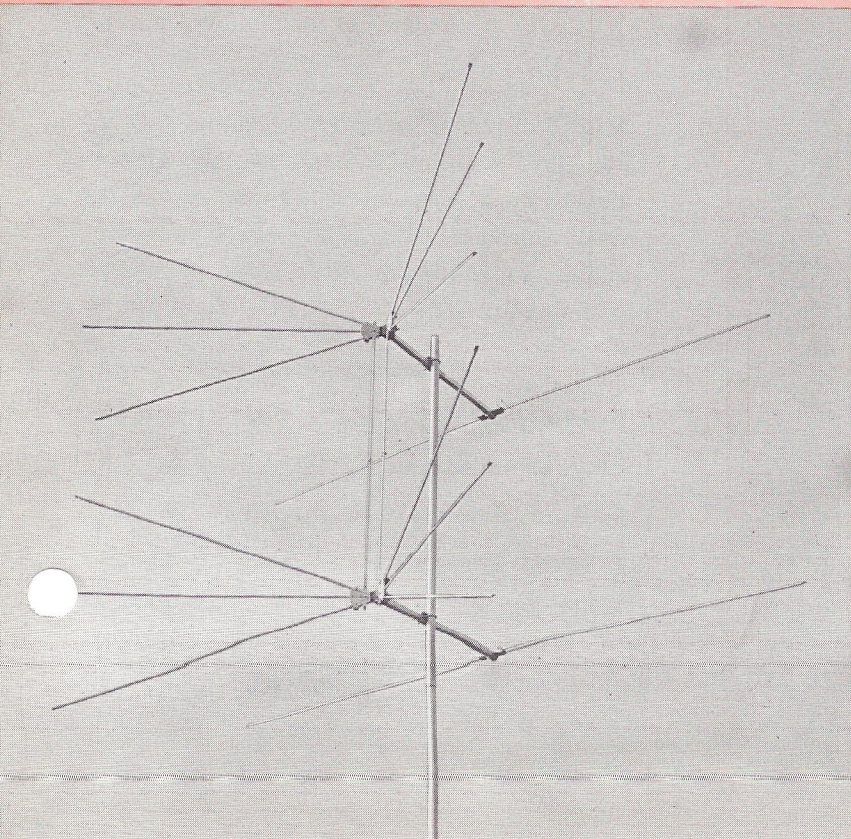
Load Impedance . . . 300 ohms, balanced

Gain . . . Average of 1 DB above resonant dipole on Channels 2-6, and average of 2 DB above resonant dipole on Channels 7-13

Front to Back Ratio 2 to 1 average

Wind Load 18 lbs. at 90 MPH

Stock No. 931500



A "stacked" conical type antenna of high-quality aluminum construction. Supplied with "U" bolt and mast clamp for mounting on masts up to $1\frac{3}{8}$ inches in diameter.

Specifications:

Frequency TV Channels 2-6, 7-13

Load Impedance . . . 300 ohms, balanced

Gain . . . Average of 5 DB above resonant dipole on Channels 2-6 and average of 7 DB above resonant dipole on Channels 7-13

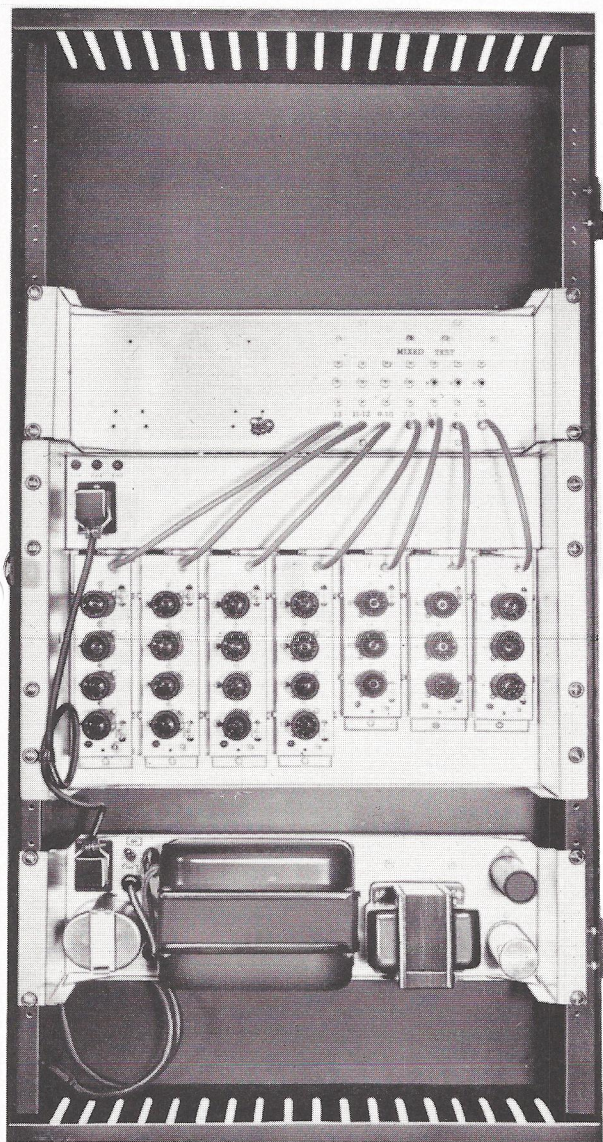
Front to Back Ratio . . . 2 to 1 average

Wind Load 66 lbs. at 90 MPH

Stock No. 931503

MASTER-TENNA[®] by RCA

multiple tv outlets-one antenna system



TYPE HG AMPLIFIER

DESCRIPTION

The Super Master-Tenna Amplifier, Type "HG," is a channelized strip amplifier which provides high frequency television signal amplification for a maximum of seven (7) non-adjacent TV channels. Designed for continuous operation, this amplifier is custom assembled to fit individual job requirements. Adequate operating safety margins are provided so the equipment remains cool thereby assuring maximum life for tubes and components.

Specifications:

- Impedance** Input—75 ohms, separate for each channel
Output—75 ohms, combined
- Voltage** Input—.05 volts, RMS maximum each channel
Output—2.0 volts maximum RMS color signal per channel
- Gain** Low Channels—50 DB minimum
High Channels—54 DB minimum
- AGC** Output within 3 DB for input signals between .003 volts and .05 volts. Recommended operating nominal .01 volts input
- Frequency Response** Within 0.5 DB for 6.0 MC bandwidth
- Frequency Coverage** Up to seven non-adjacent channels
- Power Requirements** 115 volts, 60 cycles AC, 250 watts maximum
- Tube Complement** High Channel Strip: 2-6BQ7A
2-6BC8
Low Channel Strip: 2-6BQ7A
1-6BC8
- Over-All Dimensions** Height—41 inches
Width—20 $\frac{1}{4}$ inches
Depth—11 $\frac{1}{8}$ inches
Weight—100 pounds
- Mounting** Surface type, wall mounting

ACCESSORIES

Antenna, antenna matching transformers, outlets, connectors, distribution transformers, cables, etc., as determined by individual requirements of each installation. See "Master-Tenna Accessories" catalog sheets for description of these items.

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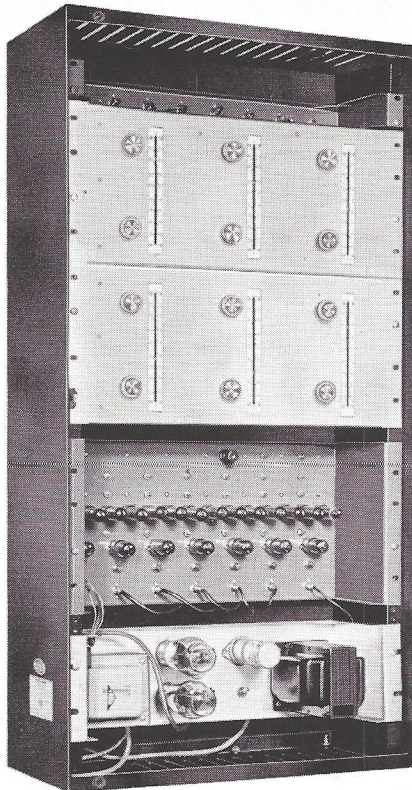
multiple tv outlets-one antenna system

**ANTENNA
PANEL**

TUNERS

**TRANS-
MITTER**

**POWER
SUPPLY**



RCA RADIO-SELECTOR SYSTEM

DESCRIPTION

The RCA Radio-Selector System provides, on a single cable, multiple distribution of the following services throughout a building:

- Television—a maximum of seven non-adjacent channels.
- Radio—a maximum of six channels, AM and FM.
- Seventh audio channel for recorded music, tape or paging.

Adequate operating safety margins are designed into this equipment to assure maximum tube life and reliability.

SPECIFICATIONS:

Cabinet #939390 Finish—deep umber grey
 Wall space required—approximately 3' x 4'
 Removable door provided
 Ventilation—a minimum of 1' clearance should be allowed above and below the cabinet
 Mounting— $\frac{1}{4}$ " mounting bolts (4 required)

Antenna Panel provides input for
 FM—#965301 stacked V antenna or Winegard FM1 or FM4. Use matching transformer #939275
 AM—"L" type, 80' long, with matching transformer by Electronics Specialty Manufacturing Company—#230

Tuner Panel Houses three AM-FM tuners
 (2 panels used in typical installation)

Transmitter Panel
 Seven transmitters feed signal over TV cable.
 AM modulated carriers in broadcast band (150-1500 kc)
 TV mixer included for multiplex of signals

Power Supply
 115V, 60 cycle AC, 300 Watts maximum

General . . . Impedance, all RF connections and cabling, RG59AU, 75 ohms; all audio connections, 500 ohms
 Surface-type wall mounting
 Audio input, 0.5 v. rms minimum, unbalanced 500 ohms

Dimensions. Height—41"
 Width— $20\frac{1}{4}$ "
 Depth— $11\frac{1}{8}$ "
 Weight—100 lbs. (approximately)

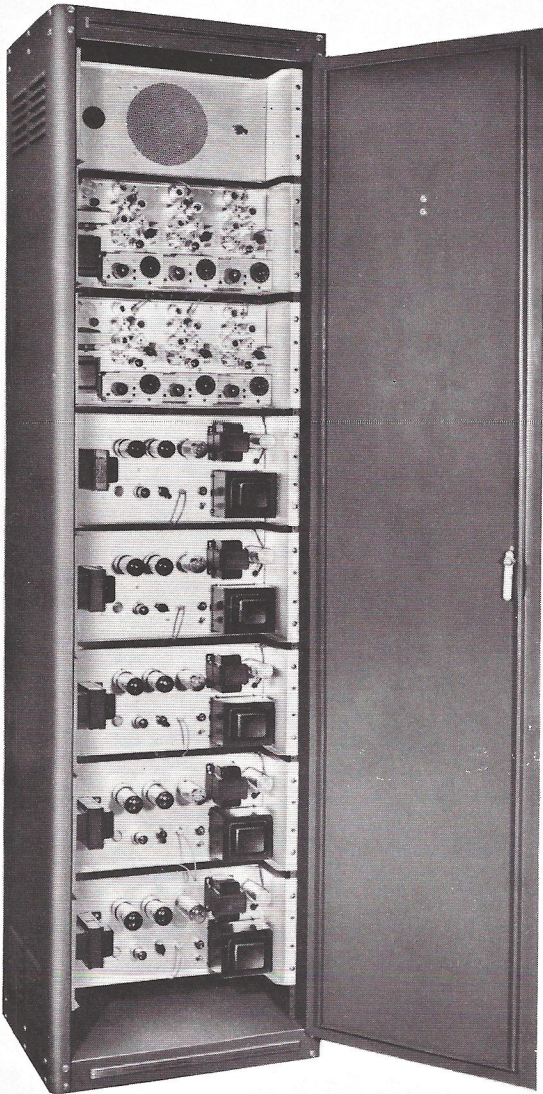
Special Accessories Must use outlet #939340, with pin jacks for AM-FM service, screw-type fitting for co-ax connector (TV)
 Splitters must be #939342 (2-way) or #939343 (4-way)
 All accessories must be reactance type, designed to pass broadcast

ACCESSORIES

Antenna, antenna matching transformers, outlets, connectors, distribution transformers, cables, etc., as determined by individual requirements of each installation. See "Master-Tenna Accessories" catalog sheets for description of these items.

MASTER-TENNA[®] by RCA

RCA audio entertainment control system



RCA Audio Entertainment Control System

DESCRIPTION

The RCA Audio Entertainment Control System consists of AM-FM tuners and amplifiers, and simultaneously distributes AM-FM radio entertainment, recorded music or maid call to guest or patient rooms through at least five (5) channels. The system is designed to fit the needs of hospitals, hotels and motels where a centrally located and controlled unit is required. The system feeds entertainment or messages to speakers in rooms, where channel selectors provide occupants with programming choice.

SPECIFICATIONS

Cabinet—Stock #939428

Size. 82 $\frac{1}{4}$ x 22 x 16 $\frac{1}{2}$ inches overall
Finish slate grey ripple
Weight. 155 pounds
Other . . . front and rear doors provided with automobile type handles with locks and keys

Monitor Panel—Stock #939426

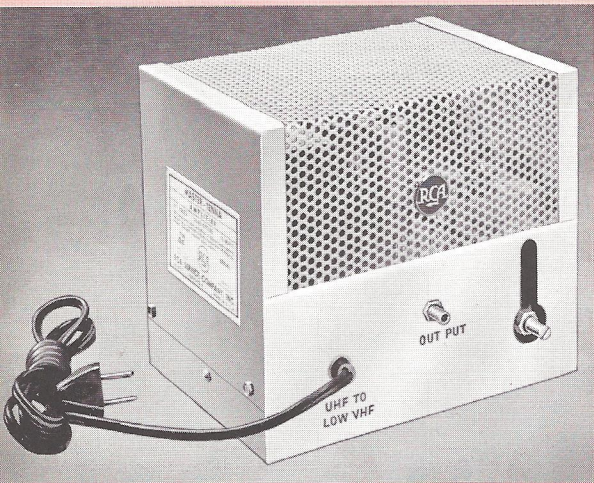
Size. Standard 19 inch rack mount
8 $\frac{3}{4}$ inches high
Input. 70 volt line
Speaker
8 inch ALNICO V permanent magnet
Switching . . provision for monitoring five channels and off
Volume Control 5 watt "L" pad

FEATURES

- 82 inch cabinet
- AM-FM tuners
- 35 watt audio amplifiers
- Monitor panel

MASTER-TENNA[®] by RCA

multiple tv outlets-one antenna system



Type CUL Converter #939309
Type CUH Converter #939310

DESCRIPTION

The Type CUL and CUH Convertors are designed to be used to convert any UHF channel, 14 to 83 inclusive, to any VHF channel, channel 2 to 13 inclusive. They can be used singly or in combination with other Master-Tenna Amplifiers. They have an excellent noise figure and remarkable frequency stability.

SPECIFICATIONS



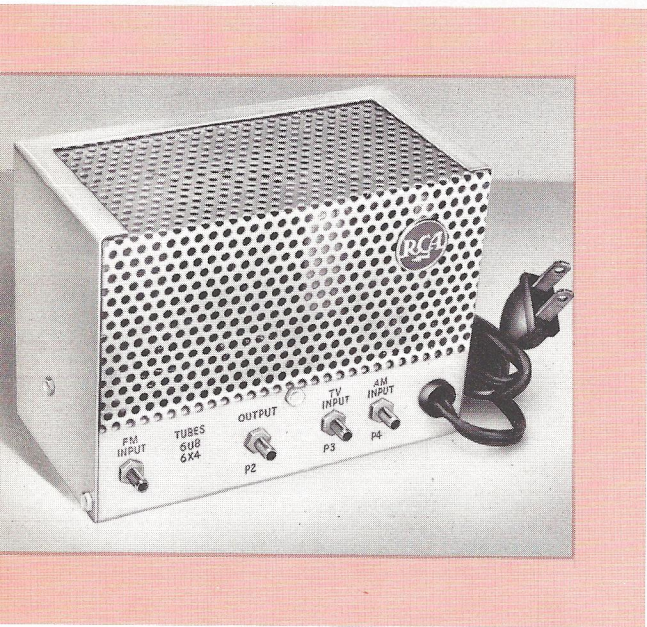
Input Impedance	-- 300 ohms balanced
Output Impedance	-- 75 Ohms.
Input Frequency	-- Any one of channels 14 to 83, inclusive.
Output Frequency	-- Channels 2 to 6, inclusive (Model CUL) Channels 7 to 13, inclusive (Model CUH)
Gain	-- 20 db Nominal (10 times across equal impedances or 5 times from 300 ohms to 75 ohms.)
Output Voltage	-- 0.1 Volt R.M.S. Maximum Color Signal
Tube Complement	-- 1 - 6X4 Rectifier 1 - 6BQ7A I.F. Amplifier 1 - 6U8 Second Converter 1 - 6AF5A UHF Oscillator 1 - OA2 Voltage Regulator 1 - 1N82 Converter Diode
Power Required	-- 117 volts, 60 cycles, 40 watts.
Dimensions	-- Height 6½" Width 5" Depth 7" including fittings but less coax connectors. Weight 6 pounds
Mounting	-- Table top, shelf, or wall cabinet when used in conjunction with other Master-Tenna Units.

ACCESSORIES

Antenna, outlets, connectors, distribution transformers, cables, etc., as determined by individual requirements of each installation. See "Master-Tenna Accessories" catalog sheets for description of these items.

MASTER-TENNA[®] by RCA

multiple tv outlets-one antenna system



AM-FM Amplifier
Stock #939389

DESCRIPTION

The type AM-FM Amplifier has been designed for use in adding AM & FM antenna signals to a television distribution system. This unit makes it possible to operate a TV, FM or AM receiver from any single outlet.

SPECIFICATIONS



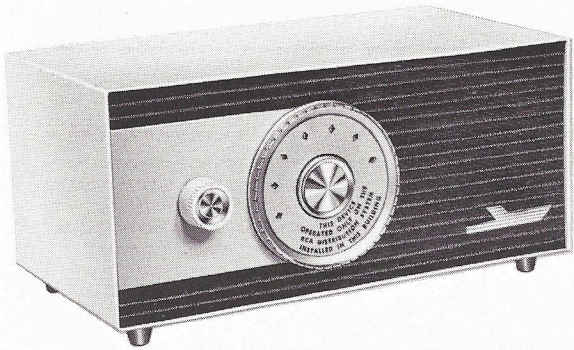
Impedance	-- Input - 75 ohms, separate for AM, FM, & TV Output - 75 ohms, combined
Voltage	-- Input - 0.1 volt or less Output - 1.0 volt RMS
Gain	-- 19 db over FM range
Frequency Response	-- within 2.0 db over range of 94 to 106 mc
Frequency Coverage	-- 92 to 108 mc
Power Requirements	-- 115 volts, 60 cycles A.C., 25 watts maximum
Tube Complement	-- 1-6U8 Amplifier 1-6X4 Rectifier
Over-all Dimensions	-- Height - 4-1/8 inches Width - 5-3/4 inches Depth - 3-1/2 inches Weight - 2-1/2 lbs.
Mounting	-- Surface type, wall mounting

ACCESSORIES

Antenna, antenna matching transformers, outlets, connectors, distribution transformers, cables, etc., as determined by individual requirements of each installation. See "Master-Tenna Accessories" catalog sheets for description of these items.

MASTER-TENNA[®] by RCA

multiple tv outlets-one antenna system



RADIO DEMODULATOR

DESCRIPTION

The radio demodulator is a specially designed and attractively styled unit resembling a table radio. It houses a four-tube self-powered chassis and a high quality four-inch speaker.

Pre-selected radio signals, available at the miniature screw-type plug connection on the wall outlet receptacle, assure good quality, interference-free reception to the input of this unit via a special cable. These signals are matched to the receiver input with an efficient antenna input transformer within the cabinet. The 110 v. power cord is detachable at the back of the receiver, conforming to UL specifications.

Since this unit will not operate as a standard radio, it minimizes the vandalism problem. The design provides for adding a maid-call or paging channel if desired.

SPECIFICATIONS:

Controls

Station selector—large, clear plastic knob, easy to grasp. On/off and Volume—conventional styling.

Volume

More than adequate, even for larger rooms, with high quality 4" PM speaker, 1 ounce magnet.

Mounting

Adaptable to flush-wall mounting, night table drawer, bracket hung under TV stand, or placement on top of furniture.*

Power Required

105-125 volts, 60 cycles, 30 watts.

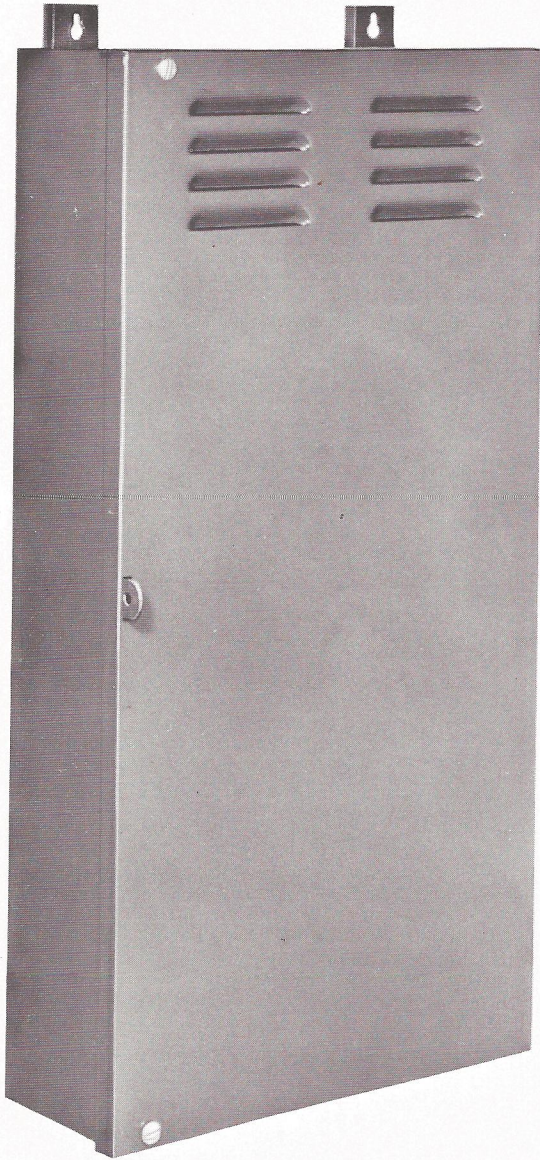
Dimensions

10⁵/₈" wide, 5³/₄" deep, 4³/₄" high, with protective rubber feet attached to cabinet; 6 ft. antenna cable with miniature screw connector.

*At extra cost, special rough-in box required for flush-wall mounting and special bracket required for TV stand mounting.

MASTER-TENNA[®] by RCA

master-tenna equipment cabinet



MASTER-TENNA Equipment Cabinet
Stock # 939424

DESCRIPTION

The Master-Tenna Equipment Cabinet is provided primarily to house the various Amplifier units of the Master-Tenna line such as (but not limited to) the 5BBV and 7LHP together with the necessary accessories, interconnecting cables and power wiring. The cabinet is provided with four knockouts as well as ventilation at top and bottom. Two pre-drilled sub-chassis are also provided for mounting of accessories. Comes equipped with hasp for padlock.

SPECIFICATIONS

- Overall Height** (including mounting brackets)
—30 $\frac{1}{2}$ inches
- Width** 14 inches
- Overall Depth** (including eave and mounting bracket)—5 $\frac{3}{8}$ inches
- Depth** 4 $\frac{7}{8}$ inches
- Mounting Dimensions** . 10 $\frac{1}{4}$ x 29 $\frac{5}{8}$ inches
- Weight** 30 pounds
- Finish** Charcoal Gray Baked Enamel

ACCESSORIES

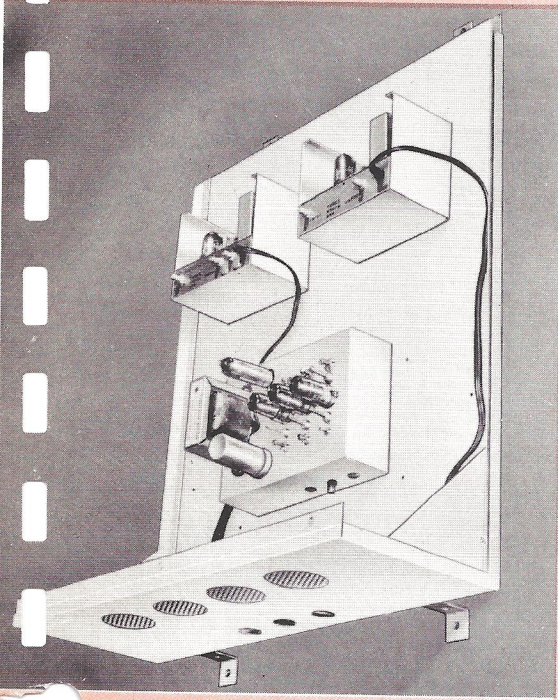
Antenna, antenna matching transformers, outlets, connectors, distribution transformers, cables, etc., as determined by individual requirements of each installation. See "Master-Tenna Accessories" catalog sheets for description of these items.

MASTER-TENNA[®] by RCA

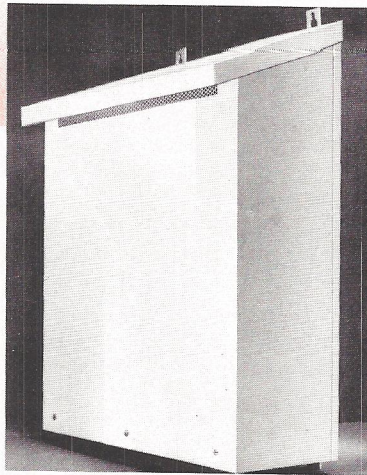
multiple tv outlets-one antenna system

DESCRIPTION

The Type C cabinet is provided primarily to house the various Amplifier units of the Master-Tenna line such as (but not limited to) the Types 3L, 1H, and 4H together with the necessary accessories, inter-connecting cables, and power wiring. Comes equipped with hasp for padlock. It is provided with three knockouts in the bottom for half inch conduits. The cabinet is weather-proof and may be used out-of-doors. Adequate screened ventilation is provided.



Type C
Stock # 939305



Type C
Stock # 939305

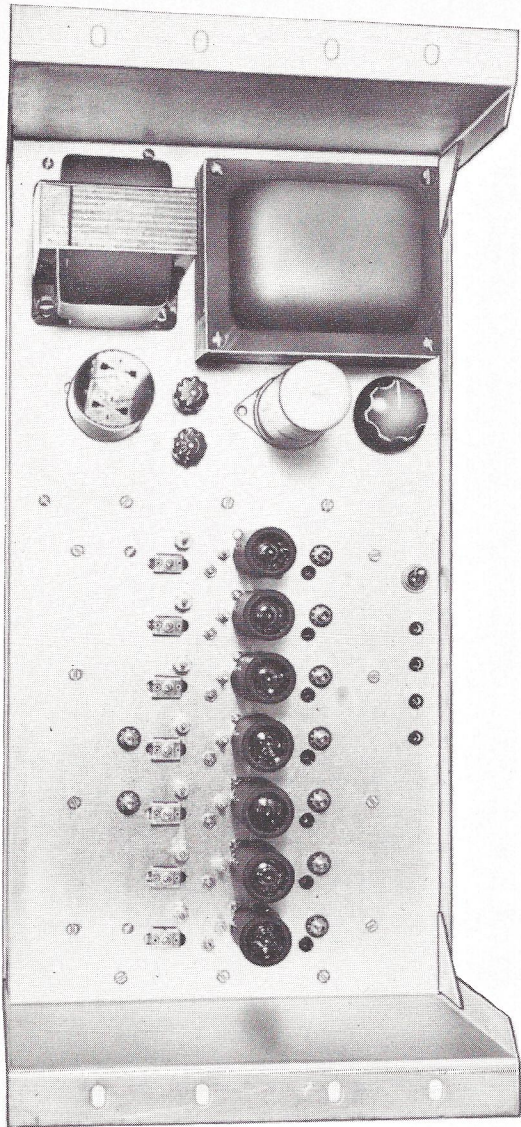
SPECIFICATIONS



- Overall Height (including mounting brackets) -- 24 $\frac{1}{4}$ "
- Width -- 18"
- Overall Depth (including eave and mounting bracket) -- 9 $\frac{1}{4}$ "
- Depth (inside) -- 6 $\frac{1}{2}$ "
- Mounting Dimensions -- 12" x 23 $\frac{1}{2}$ "
- Weight -- 20 pounds
- Finish -- Hot Zinc Dipped

MASTER-TENNA[®] by RCA

multiple tv outlets-one antenna system



HIGH POWER AMPLIFIER

DESCRIPTION

The "High Power Post Amplifier" is designed for use with the Super Master-Tenna amplifier, Type "HG", so as to provide high voltage output for the extra-large television antenna system. High frequency television signal amplification for a maximum of seven (7) non-adjacent TV channels is provided. This unit is designed for mounting in the same cabinet housing the "HG" amplifier components and is equipped with heat dissipating tube shields for maximum tube life.

Specifications:

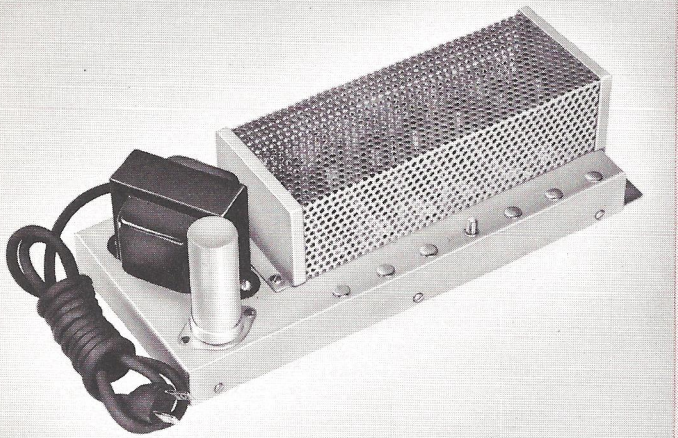
- Impedance** Input—75 ohms, separate for each channel
Output—75 ohms, combined
- Voltage** Input—1.5 volts maximum
Output—6 volts maximum RMS color signal per channel
- Gain** 12 DB minimum—all channels
- Frequency Response** Within 0.5 DB for 6.0 MC bandwidth
- Frequency Coverage** Up to seven non-adjacent channels
- Power Requirements** 115 volts, 60 cycles AC, 100 watts maximum
- Tube Complement** One per channel—417A/5842
1—5U4GB
- Over-All Dimensions** Height—8³/₄ inches
Depth—7¹/₂ inches
Width—19 inches, to fit standard rack
Weight—20 lbs.

ACCESSORIES

Antenna, antenna matching transformers, outlets, connectors, distribution transformers, cables, etc., as determined by individual requirements of each installation. See "Master-Tenna Accessories" catalog sheets for description of these items.

MASTER-TENNA® by RCA

multiple tv outlets-one antenna system



Type 7 LHP Amplifier
Stock #939400

DESCRIPTION

The Type 7LHP Amplifier is a channelized amplifier with self-contained power supply which will provide 2 volts output on each of 7 channels. Input and output connections are 75 ohms coaxial, but input may be separated for complete flexibility. Design features adequate safety margins for continuous service operation.

SPECIFICATIONS



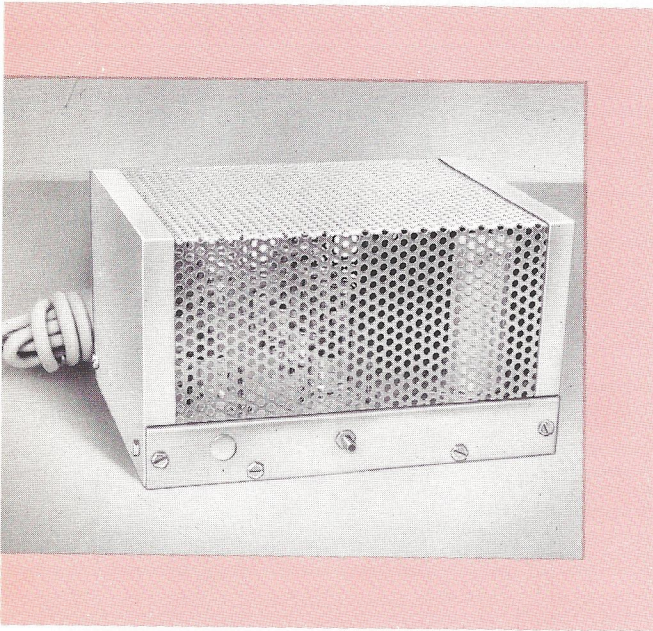
Impedance	Input, 75 ohms coaxial Output, 75 ohms coaxial
Voltage	Input, 0.20—0.28 volts maximum Output, 2.0 volts RMS of sync. peak, black-and-white or color, with picture-to-sound ratio of 1:1
Gain	Low channel: 20 db minimum, nominal 21.5 db High channel: 17 db minimum, nominal 18.5 db
Frequency Response . . .	Within 1 db for 4½ mc bandwidth
Noise Figure	10 db maximum
Power Required	115 v. 60 cycle ac. 30 watts
Overall Dimensions . . .	Height: 4½" Depth: 5" Width: 11"
Weight	5½ lbs.
Tube Complement	Three 6CY5 tubes; four 6EV5 One silicon rectifier (1N1763)

ACCESSORIES

Antenna, antenna matching transformers, outlets, connectors, distribution transformers, cables, etc., as determined by individual requirements of each installation. See "Master-Tenna Accessories" catalog sheets for description of these items.

MASTER-TENNA[®] by RCA

multiple tv outlets-one antenna system



5BBV Stock #939383

DESCRIPTION

The type 5BBV Amplifier is a broadband 5-tube Amplifier designed to provide TV reception to a large number of outlets, over both low and high frequency channels, 2 through 13.

SPECIFICATIONS

Impedance

Input—75 ohms combined high channel and low channel as supplied

Output—75 ohms combined high channel and low channel as supplied

Voltage

Output—.40 V maximum per carrier RMS of peak color signal—7 channel operation

Gain

High channels—38 db minimum with 39 db nominal

Low channels—30 db minimum with 31 db nominal

Frequency Response

within 2 db over range of 55—88 mc and 175—216 mc

Frequency Coverage

Broadband channel 2 to 6 and 7 to 13

Power Requirements

115 volts 60 cycle A.C. 22 watts maximum

Tube Complements

5—6EV5; 1—1N1763 rectifier

Over-all Dimensions

Height—4"; Width—8"; Depth—6"; Weight—4½ lbs.

Mounting

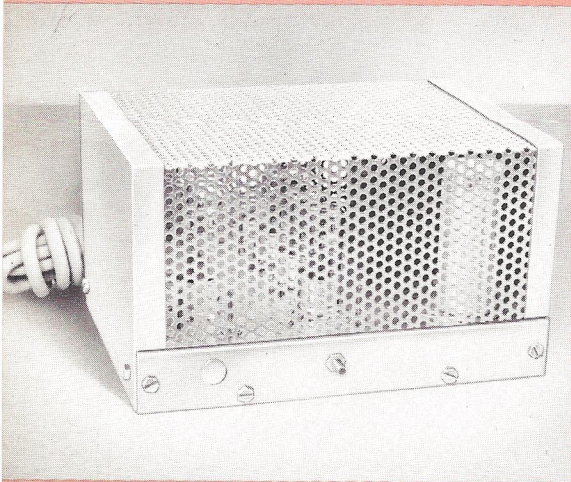
Table top, shelf, wall, or wall cabinet when used in conjunction with other Master-Tenna units.

ACCESSORIES

Antenna, antenna matching transformers, outlets, connectors, distribution transformers, cables, etc., as determined by individual requirements of each installation. See "Master-Tenna Accessories" catalog sheets for description of these items.

MASTER-TENNA[®] by RCA

multiple tv outlets-one antenna system



5BB
Stock # 939383

DESCRIPTION

The type 5BB Amplifier is a broadband 5-tube Amplifier designed to provide TV reception to a large number of outlets, over both low and high frequency channels, 2 through 13.

SPECIFICATIONS



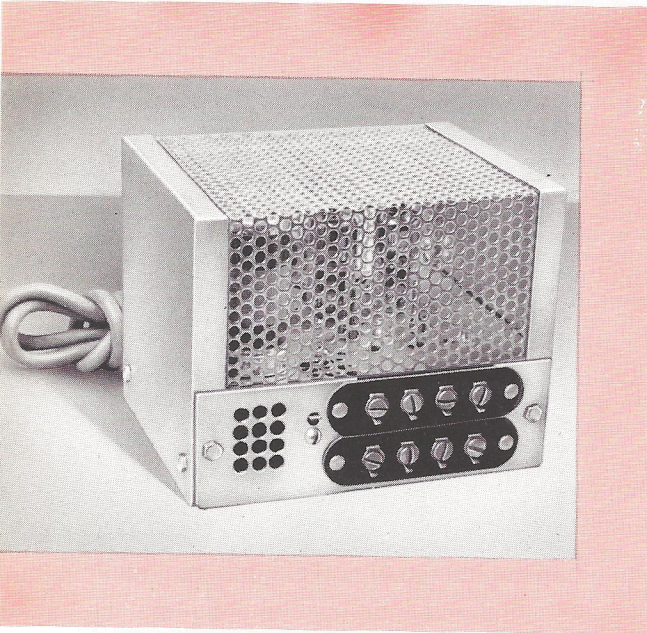
Impedance	-- Input — 75 ohms combined as supplied Output — 75 ohms combined as supplied
Voltage	-- Output — .25 V maximum per carrier RMS of peak color signal — 7 channel operation
Gain	-- High channels — 30 db minimum with 34 db nominal Low channels — 25 db minimum with 27 db nominal
Frequency Response	-- within 2 db over range of 55—88 mc and 175—216 mc
Frequency Coverage	-- Broadband channel 2 to 6 and 7 to 13
Power Requirements	-- 115 volts 60 cycle A.C. 22 watts maximum
Tube Complements	-- 5 — 6CY5 1 — M500 rectifier
Over-all Dimensions	-- Height — 4 inches Width — 7-1/4 inches Depth — 6 inches Weight — 4-1/2 lbs.
Mounting	-- Table top, shelf or wall cabinet when used in conjunction with other Master-Tenna units.

ACCESSORIES

Antenna, antenna matching transformers, outlets, connectors, distribution transformers, cables, etc., as determined by individual requirements of each installation. See "Master-Tenna Accessories" catalog sheets for description of these items.

MASTER-TENNA[®] by RCA

multiple tv outlets-one antenna system



Type 2BB Amplifier
Stock #939384

DESCRIPTION

The type 2BB Amplifier is a broadband 2-tube Amplifier designed to provide television reception over both low and high frequency channels, 2 through 13. It utilizes 2 inputs at 300 ohms with 4 outputs at 300 ohms.

SPECIFICATIONS



Impedance	-- Input - 300 ohms, 2 terminals for Brite Pix line. Output - 300 ohms - 4 terminals for Brite Pix line.
Voltage	-- Output - .2 volts maximum RMS color per channel
Gain	-- 4 outputs - 3db
Frequency Response	-- within 0.5 db over any channel - within 1.0 db over 54-88 & 174-216 mc
Frequency Coverage	-- Broadband - channels 2 to 6 and 7 to 13
Power Requirements	-- 115 volts, 60 cycles A.C. 20 watts maximum
Tube Complements	-- 2 - 6CY5 Amplifier
Over-all Dimensions	-- Height - 5 inches Width - 5 inches Depth - 4 inches Weight - 3 lbs.
Mounting	-- Table top, shelf or wall cabinet when used in conjunction with other Master-Tenna units.

ACCESSORIES

Antenna, antenna matching transformers, outlets, connectors, distribution transformers, cables, etc., as determined by individual requirements of each installation. See "Master-Tenna Accessories" catalog sheets for description of these items.

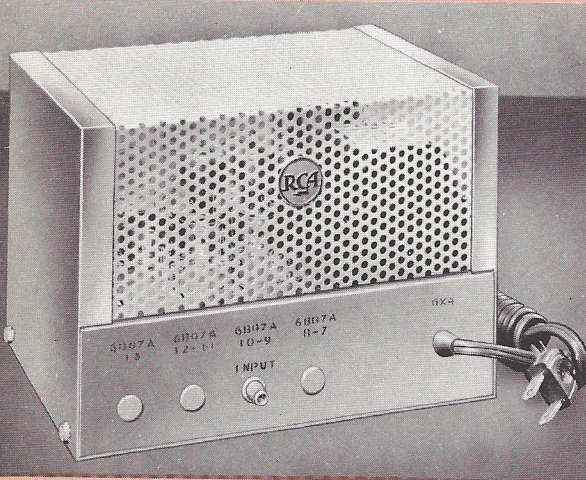
RCA MASTER-TENNA

multiple tv outlets-one antenna system

DESCRIPTION

The Type 4H Amplifier is a channelized four-tube TV Amplifier which provides means of supplying up to four non-adjacent high-frequency TV signals (channels 7 through 13) to a large number of outlets. When used in conjunction with the Type 3L Amplifier, these two units can supply a maximum of seven non-adjacent channel TV signals to the Distribution System.

SPECIFICATIONS



Type 4H Amplifier
Stock 939267

- | | |
|---------------------------|---|
| Input Impedance | -- 72 ohms. Supplied with a single 72 ohm miniature coax fitting, type IPC-50, with channelized inputs wired in parallel. It can be readily modified for separate channel inputs by installing additional coax fittings, in plugged chassis holes, and rewiring input circuits. |
| Input Voltage | -- 0.1 Volts R.M.S. maximum each channel. |
| Output Impedance | -- 72 ohms. Supplied with a single 72 ohm miniature coax fitting with channelized outputs wired in parallel. Outputs may be separated by the same method as the inputs, if so desired. |
| Output Voltage | -- 1.0 Volt R.M.S. maximum each channel. |
| Gain | -- 17 db Minimum each channel. |
| Frequency Response | -- Within 0.5 db for 6.0 MC bandwidth |
| Frequency Coverage | -- Up to four non-adjacent High Band Channels, 7 through 13. |
| Tube Complement | -- 4 - 6BQ7A Amplifiers
1 - 6X4 Rectifier |
| Power Required | -- 105-125 Volts 60 cycles, 22 watts |
| Dimensions | -- Height 5½"
Width 7¼"
Depth 6" including fittings but not coax connectors and cable. Allow 3" both front and rear for connector and cable attachment.
Weight 4½ pounds |
| Mounting | -- Table top, shelf or wall cabinet when used in conjunction with other Master-Tenna Units. |

ACCESSORIES

Antenna, antenna matching transformers, outlets, connectors, distribution transformers, cables, etc., as determined by individual requirements of each installation. See "Master-Tenna Accessories" catalog sheets for description of these items.

MASTER-TENNA[®] by RCA

multiple tv outlets-one antenna system

DESCRIPTION

The Type 3L Amplifier is a channelized three-tube TV amplifier which provides a means of supplying up to three non-adjacent low frequency TV signals (channels 2 through 6) to a large number of television set outlets. When used in conjunction with the Type 4H Amplifier, these two units will supply a maximum of seven non-adjacent channel TV signals to the Distribution System.

SPECIFICATIONS



Type 3L Amplifier
Stock #939266

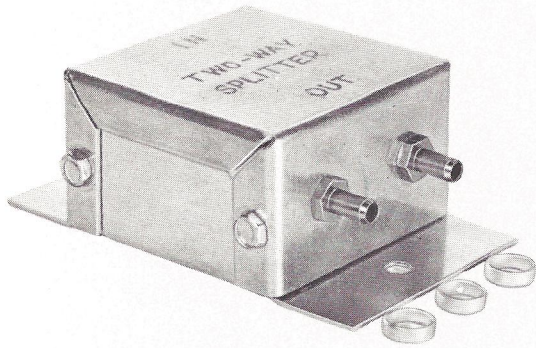
- | | |
|---------------------------|---|
| Input Impedance | -- 72 ohms. Supplied with a single 72 ohm miniature coax fitting, type IPC-50, with channelized inputs wired in parallel. It can be readily modified for separate channel inputs by installing additional coax fittings, in plugged chassis holes, and rewiring input circuits. |
| Input Voltage | -- 0.1 Volts R.M.S. each channel. |
| Output Impedance | -- 72 ohms. Supplied with a single 72 ohm miniature coax fitting with channelized outputs wired in parallel. Outputs may be separated by the same method as the inputs, if so desired. |
| Output Voltage | -- 1.0 Volt R.M.S. each channel. |
| Gain | -- 20 db minimum per channel. |
| Frequency Response | -- Within 0.5 db for 6.0 M.C. bandwidth. |
| Frequency Coverage | -- Up to three non-adjacent Low Band Channels, 2 through 6. |
| Tube Complement | -- 3-6CB6 Amplifiers
1-6 x 4 Rectifier |
| Power Required | -- 105-125 Volts 60 cycles, 15 watts |
| Dimensions | -- Height -- 5½"
Width -- 7¼"
Depth -- 6" including fittings, but not connectors and coax cable.
Allow 3" both front and rear for connector and cable attachment.
Weight -- 4 pounds |
| Mounting | -- Table top, shelf or wall cabinet when used in conjunction with other Master-Tenna Units. |

ACCESSORIES

Antenna, antenna matching transformers, outlets, connectors, distribution transformers, cables, etc., as determined by individual requirements of each installation. See "Master-Tenna Accessories" catalog sheets for description of these items.

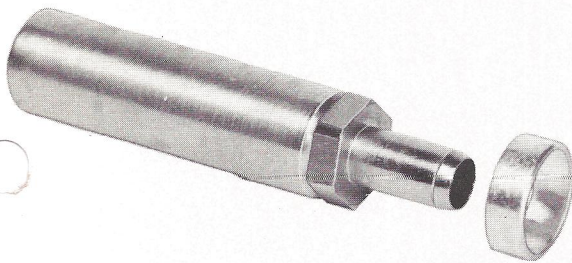
MASTER-TENNA[®] by RCA

multiple tv outlets-one antenna system



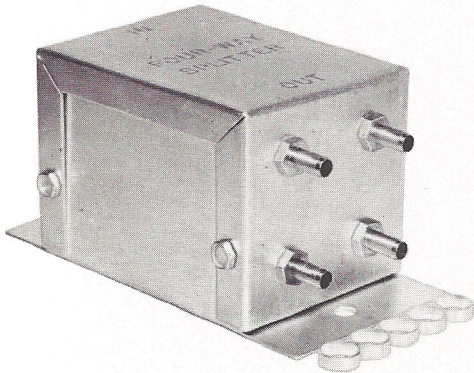
Stock No.
939342

A solderless "two-way" signal splitter for use with RG59U cable. Overall size 2" x 3³/₈" x 1¹/₄". Supplied with three "O" rings for attaching cables. Loss from input to one output is 3.5 DB. Easily mounted by the use of three No. 6 screws (not supplied).



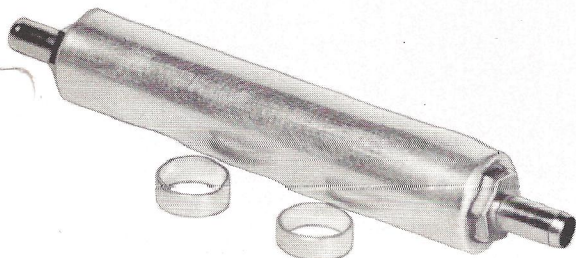
Stock No.
939335

A solderless 75 ohm termination for use with RG59U cable. Inserts directly into cable, and is supplied with one "O" ring for attachment.



Stock No.
939343

A solderless "four-way" signal splitter for use with RG59U cable. Overall size: 2" x 4" x 1⁷/₈". Supplied with five "O" rings for mounting cables. Loss from input to one output is 6.0 DB on Channel 6 and 7.0 DB on Channel 13. Easily mounted by the use of three No. 6 screws (not supplied).

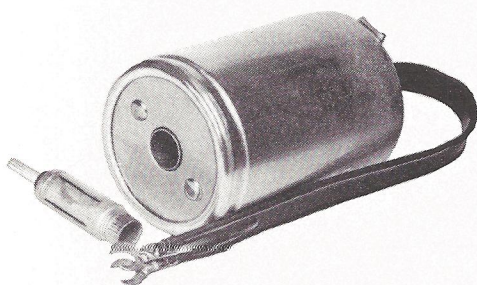


Stock Nos.
939344-3DB
939345-6DB
939346-10DB
939347-20DB

Solderless 75 ohm attenuator pads for use with RG59U cable. Each inserts directly into cable, and is supplied with two "O" rings for attachment.

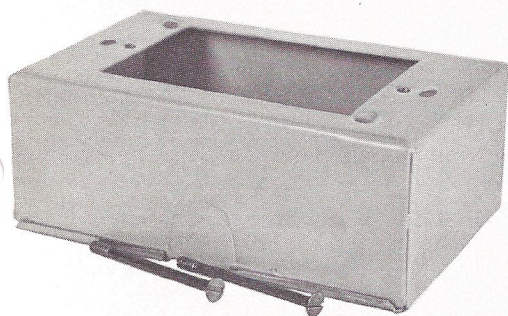
MASTER-TENNA[®] by RCA

multiple tv outlets-one antenna system



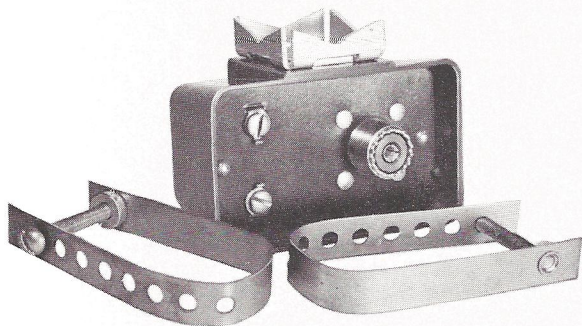
Stock No.
939161

A receiver-matching transformer for use with RG-59U cable. To be used as a matching device where it is necessary to make transition from 75 ohms to 300 ohm impedance at the receiver input terminals. Supplied complete with mounting bracket and connector.



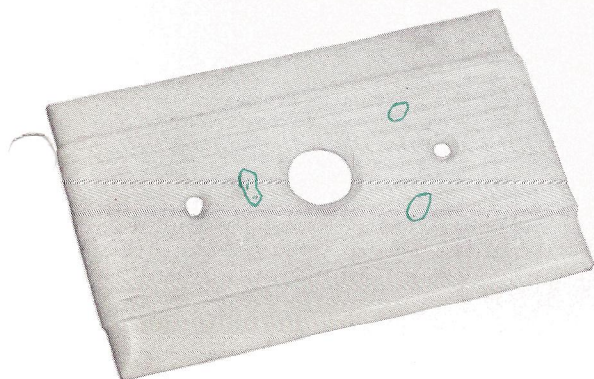
Stock No.
939219

A Wiremold surface mounting box for use as a housing for RCA Nos. 939338, 939339 and 939340 tap-off outlets devices. Metal construction. Overall size: 4⁵/₈" x 2⁷/₈" x 1⁷/₈".



Stock No.
939257

A weather-proof antenna matching transformer. Designed for mast or antenna cross-arm mounting. Used as a matching device where it is necessary to make transition from a 300 ohm impedance antenna to that of a 75 ohm coax cable. Supplied with two mounting straps, one for mounting and one for grounding coax connector (not supplied).

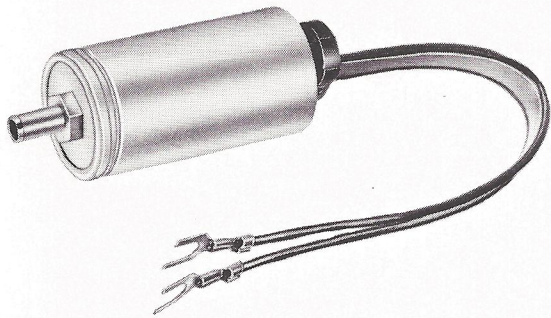


Stock No.
939336-Ivory
939337-Brown

A plastic cover plate for use with RCA Nos. 939338 and 939339 tap-off outlet devices. Can also be modified for use with RCA No. 939340 tap-off outlet device. Engineered to fit standard single gang electrical boxes or RCA No. 939219 box. Overall size: 4¹/₂" x 2³/₄".

MASTER-TENNA[®] by RCA

multiple tv outlets-one antenna system



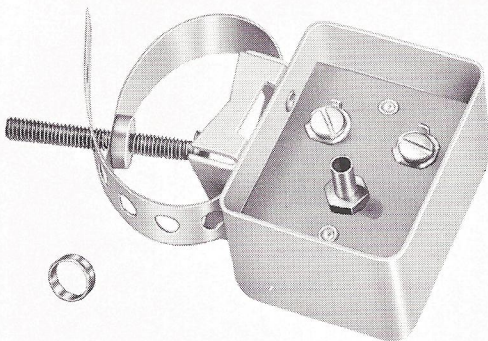
Stock No.
939161

A receiver-matching transformer for use with RG59U cable. To be used as a matching device where it is necessary to make transition from 75 ohms to 300 ohm impedance at the receiver input terminals. Supplied complete with one "O" ring for cable attachment.



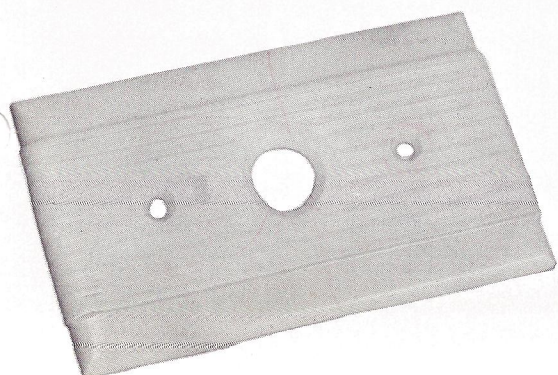
Stock No.
939219

A Wiremold surface mounting box for use as a housing for RCA Nos. 939338, 939339 and 939340 tap-off outlets devices. Metal construction. Overall size: $4\frac{5}{8}$ " x $2\frac{7}{8}$ " x $1\frac{7}{8}$ ".



Stock No.
939257

A weather-proof antenna matching transformer. Designed for mast or antenna cross-arm mounting. Used as a matching device where it is necessary to make transition from a 300 ohm impedance antenna to that of a 75 ohm coax cable. Supplied with mounting strap and one "O" ring for cable attachment.

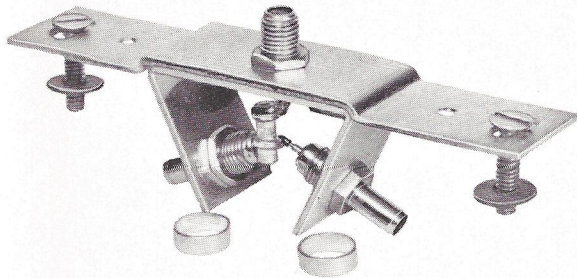


Stock No.
939336-Ivory
939337-Brown

A plastic cover plate for use with RCA Nos. 939338 and 939339 tap-off outlet devices. Can also be modified for use with RCA No. 939340 tap-off outlet device. Engineered to fit standard single gang electrical boxes or RCA No. 939219 box. Overall size: $4\frac{1}{2}$ " x $2\frac{3}{4}$ ".

MASTER-TENNA[®] by RCA

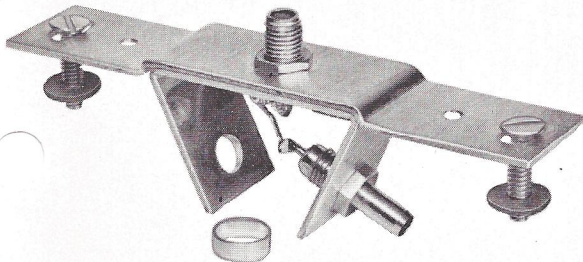
multiple tv outlets-one antenna system



Stock No.
939338

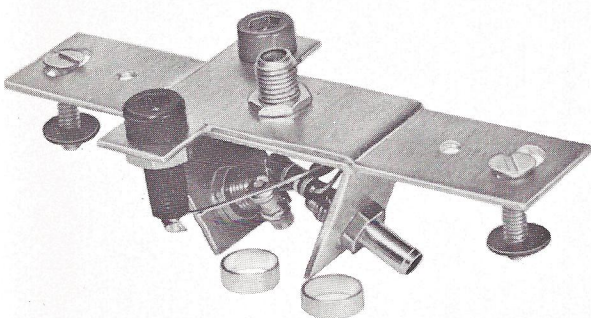
DESCRIPTION

Solderless tap-off outlet for use with RG59U cable, flush mounts in standard electric or RCA No. 939219 box. Requires 1 1/4" box depth. Provides isolation of 20 DB on Channel 6 and 15 DB on Channel 13. Insertion loss of 0.3 DB on Channel 6 and 0.5 DB on Channel 13, supplied with two 6-32" x 3/4" mounting screws and two "O" rings for attaching riser cables. Used with RCA No. 939336 or 939337 cover plates.



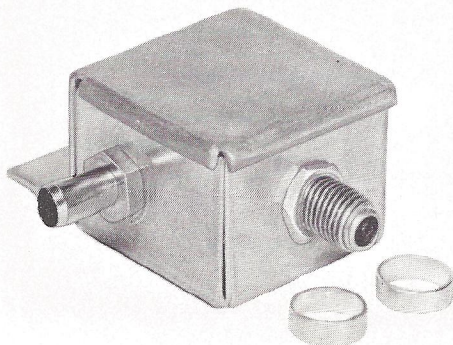
Stock No.
939339

Solderless Extension Outlet for use with RG59U cable. Flush mounts in standard electric or RCA No. 939219 box. Requires 1 1/4" box depth. Supplied with two 6-32" x 3/4" mounting screws and one "O" ring for attaching extension cable. Used with RCA No. 939336 or 939337 cover plates.



Stock No.
939340

Solderless tap-off outlet for TV and AM. Used with RG59U cable. Flush mounts in standard electric or RCA No. 939219 box. Requires 1 1/4" box depth. Provides TV isolation of 20 DB on Channel 6 and 15 DB on Channel 13 as well as DC isolation on AM. Insertion loss of 0.3 DB on Channel 6 and 0.5 DB on Channel 13. Supplied with two 6-32" x 3/4" mounting screws and two "O" rings for attaching riser cables. Used with modified RCA No. 939336 or 939337 cover plates. AM antenna and ground connection provided by means of a standard pin jack (not supplied).

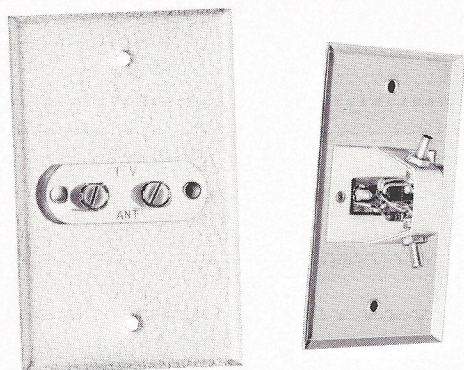


Stock No.
939341

Solderless tap-off outlet for use with RG59U cable. Self contained, for surface mounting. Overall size 2" x 2" x 5/8" with connectors. Provides isolation of 20 DB on Channel 6 and 15 DB on Channel 13. Insertion loss of 0.3 DB on Channel 6 and 0.5 DB on Channel 13. Supplied with two "O" rings for attaching riser cables.

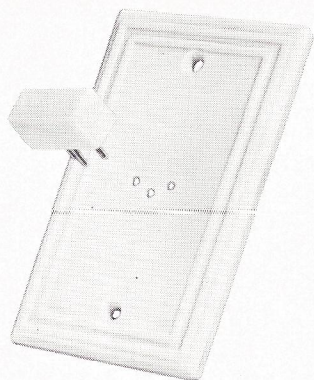
MASTER-TENNA[®] by RCA

multiple tv outlets-one antenna system



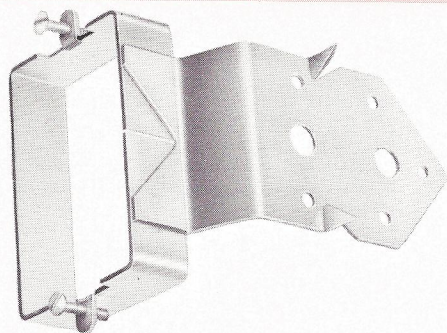
Stock No.
939358

Solderless tap-off outlet for use with RG59U cable, flush mounts in standard electric or RCA No. 939219 box. Requires 1 1/4" box depth. Provides 300 ohm output. Insertion loss of 0.3 db on Channel 6 and 0.5 db on Channel 13. Isolation loss from 75 ohm riser to 300 ohm output is 12 db on Channel 6 and 7 db on Channel 13. Supplied with two "O" rings.



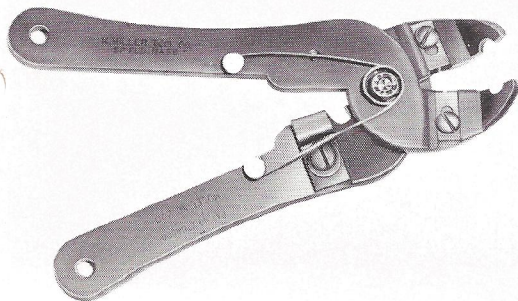
Stock No.
939325-Brown
939326-Ivory

A 300 ohm outlet device with matching plug for use with 300 ohm Brite Pix line. Supplied complete with plug.



Stock No.
939327

Plaster ring—used in new construction in place of electrical boxes. Used in conjunction with TV outlets—939338, 939339, 939340, 939358, 939325 or 939326.

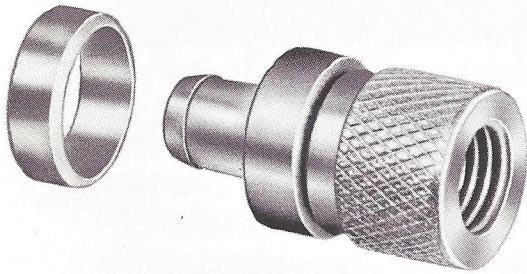


Stock No.
939348

Crimper tool—used to close "O" rings for solderless connectors. Also will cut and dress RG59U coax to fit connectors.

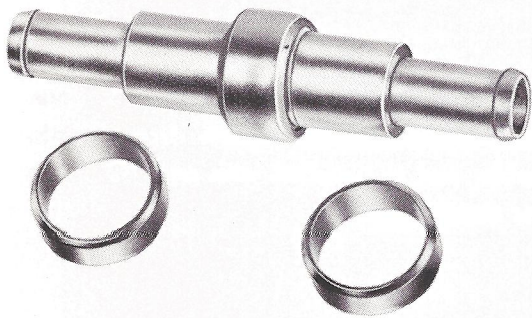
MASTER-TENNA[®] by RCA

multiple tv outlets-one antenna system



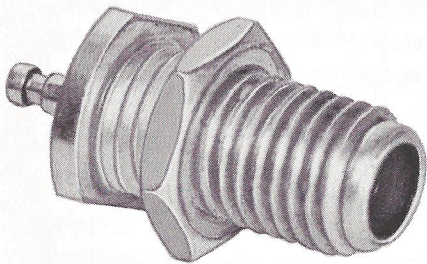
Stock No.
932079

A solderless 75 ohm male connector for use with RG59U cable. Used for attaching cable to RCA No. 939272 connector. Supplied with one "O" ring for cable attachment.



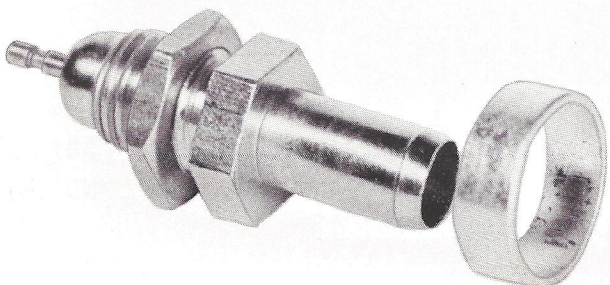
Stock No.
939378

A solderless 75 ohm double female connector for use with RG59U cable. Used for joining two pieces of cable. Supplied with two "O" rings for cable attachment.



Stock No.
939272

A 75 ohm female chassis connector for use with RG59U cable. Supplied with $\frac{1}{4}$ " x 32 nut, it requires a .250 inch hole for mounting. Used primarily for replacement purposes.



Stock No.
939333

A 75 ohm solderless female chassis connector for use with RG59U cable. Used for connecting RG59U cable to Master-Tenna devices. Supplied with one "O" ring for cable attachment.

