

# PRICE LIST

FOR

# AM-FM Transmitting Equipment



PRICES EFFECTIVE DECEMBER 1, 1961

Broadcast and Communications Products Division  
Radio Corporation of America  
Camden 2, N. J.

# ORDERING INFORMATION

RCA broadcast equipment is sold directly to broadcast stations through the Broadcast Sales Representatives operating out of the convenient sales offices listed below. These Broadcast specialists are available to assist you in discussing the application of broadcast equipment.

In ordering equipment, please indicate the Master Item (MI) number for each equipment. This will help us to speed the shipment to you. You will find the Master Item (MI) numbers are used to identify the equipment on the invoices and packing slips.

The Purchaser shall be responsible for all transportation charges, and shipments will normally be forwarded with shipping charges "collect." However, shipping charges can be prepaid and added to the billing invoice if your purchase order authorizes this method. We suggest that you consider the latter procedure since it eliminates the necessity of having petty cash on hand at the time of delivery. Your purchase order should specify the method of transportation desired, otherwise RCA will use its best judgment. The cheapest method of transportation is not always used as this may not always result in the most rapid delivery. Certain items, such as vacuum tubes, are usually shipped by Express because of the design of carrying container, insurance, etc.

## Sales Offices

Front & Cooper Streets  
CAMDEN 2, NEW JERSEY  
Woodlawn 3-8000

1121 Rhodes-Haverty Building  
ATLANTA 3, GEORGIA  
Jackson 4-7703

200 Berkeley Street, Room 2301  
BOSTON 16, MASSACHUSETTS  
Hubbard 2-5765

504 Charlottetown Mall  
CHARLOTTE 4, NORTH CAROLINA  
333-3996

2000 Merchandise Mart Plaza  
CHICAGO 54, ILLINOIS  
467-5900

1600 Keith Building  
CLEVELAND 15, OHIO  
Cherry 1-3450

7901 Carpenter Freeway  
DALLAS 35, TEXAS  
Melrose 1-3050

12605 Arnold Street  
DETROIT 39, MICHIGAN  
Kenwood 4-5100

1560 North Vine Street  
HOLLYWOOD 28, CALIFORNIA  
Hollywood 9-2154

501 N. LaSalle Street  
INDIANAPOLIS, INDIANA  
Melrose 6-5321

7711 State Line Road  
KANSAS CITY 14, MISSOURI  
Emerson 1-6770

3189 Summer Avenue  
MEMPHIS, TENNESSEE  
Fairfax 4-4434

36 West 49th Street  
NEW YORK 20, NEW YORK  
Judson 6-3800

1841 N. E. Couch Street  
PORTLAND 12, OREGON  
Belmont 4-7297

420 Taylor Street  
SAN FRANCISCO 2, CALIFORNIA  
Ordway 3-8027

2250 First Avenue, South  
SEATTLE 4, WASHINGTON  
Main 2-8350

4502 Broadway  
WEST PALM BEACH, FLORIDA  
848-7639

1725 K Street, N.W.  
WASHINGTON 6, D. C.  
Federal 7-8500

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# AM-FM TRANSMITTING EQUIPMENT

## AM TRANSMITTERS

Catalog Page	MI Number	Type Number	Description	Price
5-8	ES-28937	BTA-250M	250 Watt AM Broadcast Transmitter.....	\$ 3,090.00
8	28049	—	Complete Set of Spare Tubes for BTA-250M Transmitter	102.20
8	28084	—	Recommended Set of Spare Tubes for BTA-250M Transmitter.....	51.10
9-12	ES-27237	BTA-500R	500 Watt AM Broadcast Transmitter.....	4,725.00
12	27658	—	Complete Set of Spare Tubes for BTA-500R Transmitter	225.13
12	27659	—	Recommended Set of Spare Tubes for BTA-500R Transmitter.....	117.63
12	ES-34210	—	Conelrad Conversion Kit for BTA-500R.....(e)	470.00
12	ES-28099-A	—	Power Cutback Kit for BTA-500R.....	340.00
13-16	ES-27238	BTA-1R1	1 KW AM Broadcast Transmitter including Power Cutback Kit.....	5,240.00
16	27695	—	Complete Set of Spare Tubes for BTA-1R Transmitter	237.83
16	27696	—	Recommended Set of Spare Tubes for BTA-1R Transmitter.....	102.98
16	34209	—	Conelrad Conversion Kit for BTA-1R.....(e)	470.00
17-24	ES-34229	BTA-5T	5 KW AM Broadcast Transmitter (replaces BTA-5R/R1)	17,745.00
24	ES-34230	—	Complete Set of Spare Tubes for BTA-5R1 Transmitter	1,017.83
24	ES-37208	—	Recommended Spare Set of Tubes for BTA-5R1 Transmitter .....	477.98
24	ES-34245	—	Conelrad Conversion Kit.....(e)	890.00
24	ES-34646	—	Power Cutback Kit for BTA-5R1 (5000 watts to 1000 or 500 watts).....(e)	890.00
32	ES-28944	—	5 KW to 10 KW Power Conversion Kit (less tubes).....	3,855.00
32	ES-27075	—	5 KW to 10 KW Power Conversion Set of Operating Tubes.....	254.30
32	28092-A	—	5 KW to 1 KW Power Cutback Kit for BTA-5H/10.....	310.00
32	34308-1	—	Conelrad Conversion Kit for BTA-5H/10H.....(e)	890.00
33-40*	ES-27221	BTA-50H	50 KW "Ampliphase" AM Transmitter.....	99,750.00
40	27616-C/34125	—	Complete Set of Spare Tubes for BTA-50H Transmitter	3,840.41
40	ES-27223-C	—	Recommended Set of Spare Tubes for BTA-50H Transmitter.....	1,917.78
40	27688	—	50 KW to 10 KW Power Cutback Kit for BTA-50H.....	3,625.00
<b>FM TRANSMITTERS</b>				
—**	ES-27279	BTF-1D	1 KW FM Broadcast Transmitter (complete).....	6,290.00
—	ES-27281	—	Set of Operating Tubes for BTF-1D.....	214.14
—	ES-27296	—	Set of Spare Tubes for BTF-1D.....	202.70
—	27558	—	Remote Power Control Motor.....	94.00
49-52**	ES-34224	BTF-5D	5 KW FM Broadcast Transmitter.....	13,600.00
52	ES-34227	—	Complete Set of Spare Tubes for BTF-5D.....	578.14
52	ES-34228	—	Recommended Set of Spare Tubes for BTF-5D.....	566.70
52	ES-34211	—	Auxiliary Equipment Rack (specify door color).....	372.00
—**	ES-34225	BTF-10D	10 KW FM Broadcast Transmitter (complete).....	18,850.00
—	ES-34227	—	Set of Operating Tubes for BTF-10D.....	578.14
—	ES-34228	—	Set of Spare Tubes for BTF-10D.....	566.70
—**	ES-34226	BTF-20D	20 KW FM Broadcast Transmitter (complete).....	31,450.00
—	ES-34249/MI-34510	—	Set of Operating Tubes for BTF-20D.....	1,103.14
—	34714	—	Set Recommended Spare Tubes, BTF-20D.....	596.70
—	ES-34217	BTF-25B	25 KW FM Transmitter.....	Discontinued
—**	ES-34246	BTF-50B	50 KW FM Transmitter, complete with one set tubes, crystal and harmonic filter.....	112,500.00
—	—	—	Set Operating Tubes, BTF-50B.....	4,097.15
—	—	—	Set Recommended Spare Tubes, BTF-50B.....	1,593.30
53-56	ES-27278	BTE-10B	10 Watt FM Exciter.....	2,520.00
53-56	ES-27295	BTX-1A	Subcarrier Generator .....	2,310.00
56	34510	—	Complete Set of Operating Tubes for BTE-10B FM Exciter.....	58.14
56	34515	—	Recommended Set of Spare Tubes for BTE-10B FM Exciter.....	46.70
56	34514	—	Complete Set of Operating Tubes for BTX-1A Subcarrier Generator .....	44.64
56	34519	—	Recommended Set of Spare Tubes for BTX-1A Subcarrier Generator .....	39.74
56	34509	—	Spare Crystal for BTE-10B FM Exciter.....	90.00
—**	ES-560202	BTS-1A	FM Stereo Multiplex Equipment, including: MI-560001 FM Stereo Subcarrier Generator, with tubes and built-in matrix, and MI-560004 Input Adaptor for BTE-10B Exciter (not sold separately)	1,250.00
—	560005	—	Spare Set of Tubes, BTS-1A.....	8.35

\*This model supersedes one shown in catalog. Separate catalog sheet available on request.

\*\*Separate catalog sheet available on request.

## INPUT AND MONITORING

Catalog Page	MI Number	Type Number	Description	Price
57-58	—	—	Essential Input and Monitoring for AM Station.....On Application	
<b>REMOTE CONTROL</b>				
59-62	27537/27538-A	BTR-11B	Studio and Transmitter Control Unit.....	\$ 1,025.00
59-62	27539/27526	BTR-20A	Studio and Transmitter Control Unit.....	1,180.00
—	27556	BTRX-40A	20-Position Extension for BTR-20A.....	625.00
61-62	27220	—	Two-Meter AM Monitoring Panel.....	130.00
61-62	27516	—	A-C Voltage Pickup.....	80.00
61-62	27519	—	Tower Lighting Unit.....	170.00
61-62	27509-A	—	Latching Relay Panel.....	80.00
61-62	28027-A	—	Remote R-F Pickup.....	75.00
62	27544	—	Tower Light Monitoring Unit.....	70.90
62	27543-3	—	Weatherproof Enclosure for MI-27544.....	50.00
62	27524-1	—	Combining Latching Relay.....	25.00
62	27755-4	—	DPDT High Power R-F Contactor.....	140.00
62	27545-1	—	DPDT Lower Power R-F Contactor.....	20.00
62	27524-3	—	4PDT Lower Power Latching Relay.....	30.00
62	27966	—	Remote R-F Pickup Unit (Base Currents up to 10 KW).....	50.00
62	27542	—	Motor Operated J Frame Breakers.....	970.00
62	27687	—	Remote Control Accessory Kit for BTA-50G.....	1,025.00
62	27522	—	Remote Control Accessory Kit for BTA-250M.....	550.00
62	27523	—	Remote Control Accessory Kit for BTA-500MX/IMX.....	550.00
62	27517	—	Remote Output Control for BTA-5H/10H.....	265.00
62	27518	—	Remote Filament Control for BTA-5H-10H.....	265.00
62	27520	—	Remote Power Cutback Kit for BTA-5H/10H.....	170.00
62	27540	—	Miscellaneous Resistors and Parts for BTA-5H/10H.....	21.00
63-64	31874-A	CR-17B	Conelrad Receiver.....	Discontinued
65-66	—	CSU-15CH	450-470 mc, 15 Watt, 115-volt AC Operated Dual Frequency Transmitter-Receiver Station Unit.....	Discontinued
65-66	—	CMU-15B1H/B2H	450-470 mc, 15 Watt, 6/12 Volts Mobile Station Transmitter-Receiver Unit.....	Discontinued
65-66	—	CMU-15C4H	450-470 mc, 15 Watt, 115/12 Volts Remote Pickup Station Unit.....	Discontinued
66	—	CX-8A1	Frequency and Modulation Monitor for Dual Frequency.....	Discontinued
66	31751-B	CX-7B	Portable Test Meter.....	Discontinued
66	31880-100	G-4	Transmission Line— $\frac{1}{8}$ " Coaxial 100 feet.....	Discontinued
66	31880-125	G-4	125 feet.....	Discontinued
66	31880-150	G-4	150 feet.....	Discontinued

## TUNING AND PHASING

67-74	—	—	Antenna Phasing Equipment.....	Discontinued
68	—	—	1-KW, 5-KW and 10-KW Phasing and Branching Equipment.....	Discontinued
69	—	—	Alternate 1-KW, 5-KW and 10-KW Antenna Phasing and Branching Equipment.....	Discontinued
70	—	—	1-KW, 5-KW and 10-KW Line Terminating Units...	Discontinued
70	—	—	1-KW, 5-KW and 10-KW Open-Type Wall-Mounted Line Terminating Unit Panels...	Discontinued
71	—	—	50-KW Phasing and Branching Equipment.....	Discontinued
75-76	27767-A	BPA-21A	1-KW Antenna Tuning Unit.....	500.00
75-76	27767-B	BPA-21B	with Remote Metering.....	600.00
75-76	27767-C	BPA-21C	with Remote Metering and Two-wire Lighting Choke	645.00
75-76	27767-D	BPA-21D	with Remote Metering and Three-wire Tower Lighting Choke.....	655.00
75-76	27725	—	250/1000 Watt Antenna Tuning Unit less Remote Meter Kit and Remote Meter.....	340.00

## TUNING AND PHASING (Continued)

Catalog Page	MI Number	Type Number	Description	Price
75-76	27785	—	Antenna Coupler, 1250 Watts for Series Feed.....	\$ 190.00
75-76	27786	—	Antenna Coupler, 1250 Watts for Shunt Feed.....	190.00
76	27771	—	Horn Gap .....	18.00
76	27798	—	Insulator Bowl .....	8.65
77	27789-A	BPA-5A	5-KW Antenna Tuning Unit.....	775.00
77	27790-A	BPA-10A	10-KW Antenna Tuning Unit.....	890.00
78	28903-A	BPA-50	50-KW Antenna Tuning Unit (230 ohm line).....	Discontinued
78	28903-B	BPA-50	50-KW Antenna Tuning Unit (70/51.5 ohm line)...	Discontinued
78	27755-1	—	SPDT RF Contactor, for use up to 17 kv at 2 mc at 25 amp.....	106.00
78	27755-2	—	DPDT RF Contactor, for use up to 17 kv at 2 mc at 25 amp.....	116.00
78	27755-3	—	SPDT RF Contactor, for use up to 22 kv at 2 mc at 25 amp.....	125.00
78	27755-4	—	DPDT RF Contactor, for use up to 22 kv at 2 mc at 25 amp.....	134.00
78	7486-B	—	3" Metal Panel and Switch, for use with LTU Weatherproof Cabinet.....	42.00
78	27760	—	for use with Open Panel LTU.....	31.50
78	27761	—	for use with Open Panel LTU with DPDT Switch.....	46.50
78	27762	—	Dial Counter for Variable Coil Conductor.....	11.50
78	27763	—	Plug-in Meter Bracket Shorting Bar and Meter Plug.....	18.00

## TRANSMISSION LINE

79-94      —      —      AM-FM Transmission Line Equipment

### 3/8" SOFT COPPER 72-OHM STEATITE COAXIAL LINE AND FITTINGS (MI-19306 Series)

80	19306-1	—	Transmission Line .....per ft.	.65
80	19306-2	—	Straight Coupling .....	3.00
80	19306-3	—	Straight Gas Servicing Coupling.....	2.70
80	19306-4	—	Reducer Coupling .....	20.50
80	19306-5	—	End Seal with gauge and valve.....	13.40
80	19306-6	—	End Seal .....	8.50
80	19306-7	—	Coupling Adapter .....	10.50
80	19306-8	—	Line Clamp .....	.10

### 7/8" SOFT COPPER 72-OHM STEATITE (MI-19307 Series) and 7/8" SOFT COPPER 51.5-OHM STEATITE (MI-19305 Series) COAXIAL LINE AND FITTINGS

81	19307-1, 19305-1	—	Transmission Line .....per ft.	1.50	1.55
81	19307-2, 19305-2	—	Straight Coupling, unflanged.....	.90	.90
81	19307-3, 19305-3	—	Straight Coupling .....	16.50	15.75
81	19307-4, 19305-4	—	End Seal with gauge.....	18.20	18.00
81	19307-5, 19305-5	—	End Seal .....	14.00	14.00
81	19307-6	—	Adapter .....	15.25	
81	19305-6	—	Straight Coupling .....		1.85
—	19307-20, 19305-20	—	Fixed Flange .....	4.15	4.15

### 7/8" HARD COPPER 51.5-OHM STEATITE COAXIAL LINE AND FITTINGS (MI-19309 Series)

82	19309-1	—	Transmission Line .....per ft.	56.00
82	19309-1-F	—	same as MI-19309-1 except one flange omitted.....per ft.	46.00
82	19309-1-NF	—	same as MI-19309-1 except both flanges omitted.....per ft.	43.50
82	19309-2	—	90° Sweep Elbow.....	28.60
82	19309-2-F	—	same as MI-19309-2 except fixed flange omitted.....	22.80
82	19309-2-NF	—	same as MI-19309-2 except both flanges omitted.....	18.00
82	19309-3	—	45° Sweep Elbow.....	29.00
82	19309-3-F	—	same as MI-19309-3 except fixed flange omitted.....	22.50
82	19309-3-NF	—	same as MI-19309-3 except both flanges omitted.....	18.00
82	19309-4	—	Adapter Coupling .....	14.00
82	19309-5	—	End Seal .....	18.00
82	19309-6	—	Reducer Coupling .....	20.50
83	19309-7	—	Adapter .....	4.60

**3/8" HARD COPPER 51.5-OHM STEATITE COAXIAL LINE AND FITTINGS  
(MI-19309 Series) (Continued)**

Catalog Page	MI Number	Type Number	Description	Price
83	19309-8	—	90° Mitre Elbow.....	Discontinued
83	19309-9	—	Adapter .....	Discontinued
83	19309-10	—	Fixed Flange, Silver Solder.....	Discontinued
83	19309-11	—	Inner Conductor Connector.....	\$ 3.60
83	19309-12	—	Adapter Connector .....	Discontinued
83	19309-13	—	Inner Conductor Connector.....	Discontinued

**1 1/2" HARD COPPER 72-OHM STEATITE COAXIAL LINE AND FITTINGS (MI-19310 Series)**

84	19310-1	—	Transmission Line, 20-ft. Lengths.....	74.00
84	19310-1-F	—	same as MI-19310-1 except one flange omitted.....	69.00
84	19310-1-NF	—	same as MI-19310-1 except both flanges omitted.....	65.00
84	19310-2	—	90° Sweep Elbow.....	38.00
84	19310-2-F	—	same as MI-19310-2 except solid flange omitted.....	34.00
84	19310-2-NF	—	same as MI-19310-2 except both flanges omitted.....	29.00
84	19310-3	—	45° Sweep Elbow.....	38.00
84	19310-3-F	—	same as MI-19310-3 except solid flange omitted.....	34.00
84	19310-3-NF	—	same as MI-19310-3 except both flanges omitted.....	29.00
84	19310-4	—	Adapter Coupling .....	14.00
84	19310-5	—	End Seal .....	25.00
84	19310-11	—	Inner Conductor Connector.....	3.40

**1 1/2" HARD COPPER 51.5-OHM VHF STEATITE COAXIAL LINE AND FITTINGS (MI-19112 Series)**

86	19112-1	—	Transmission Line, 20-ft. Lengths.....	67.00
86	19112-1-F	—	same as MI-19112-1 except one flange omitted.....	70.00
86	19112-1-NF	—	same as MI-19112-1 except both flanges omitted.....	55.00
86	19112-2	—	90° Sweep Elbow.....	38.00
86	19112-2-F	—	same as MI-19112-2 except fixed flange omitted.....	33.00
86	19112-2-NF	—	same as MI-19112-2 except both flanges omitted.....	29.00
86	19112-3	—	45° Sweep Elbow.....	38.00
86	19112-3-F	—	same as MI-19112-3 except fixed flange omitted.....	33.00
86	19112-3-NF	—	same as MI-19112-3 except both flanges omitted.....	29.00
86	19112-4	—	Flange Adapter .....	15.00
86	19112-5	—	Gas Stop .....	20.00
86	19112-6	—	Reducer Coupling 3 1/8" to 1 5/8" (Gassed).....	41.00
87	19112-7	—	Reducer Coupling 3 1/8" to 1 5/8" (Ungassed).....	21.00
87	19112-8	—	Straight Coupling .....	6.30
87	19112-9	—	Special Inner Conductor.....	7.00
87	19112-10	—	O-Ring Gasket .....	.38
87	19112-11	—	Inner Connector .....	1.90
87	19112-12	—	Line Gassing Accessories.....	23.00
87	19112-13	—	Emergency Cover Plate.....	5.00
87	19112-16	—	Flange Adapter (Ungassed) .....	9.30
87	19112-18	—	90° Mitre Elbow.....	47.00
87	19112-18-F	—	same as MI-19112-18 except flange omitted on long leg	41.00
87	19112-18-NF	—	same as MI-19112-18 except both flanges omitted.....	29.00
87	19112-19	—	Hardware Kit .....	1.30
87	19112-20	—	Flange, Fixed .....	4.60
87	19112-21	—	Flange, Swivel .....	9.45
87	19112-22	—	45° Mitre Elbow.....	47.00
87	19112-22-F	—	same as MI-19112-22 except flange omitted on long leg	41.00
87	19112-22-NF	—	same as MI-19112-22 except both flanges omitted.....	29.00
87	19112-58	—	Reducer, 1 5/8" (Ungassed).....	44.00
87	19112-59	—	Reducer, 1 5/8" (Gassed).....	46.00
87	19112-60	—	Adapter for Ungassed Line.....	11.40

**3/8" HARD COPPER 51.5-OHM VHF STEATITE COAXIAL LINE AND FITTINGS (MI-19113 Series)**

88	19113-B-1	—	Transmission Line, 20-ft. Lengths.....	133.00
88	19113-B-1-F	—	same as MI-19113-B-1 except one flange omitted.....	121.00
88	19113-B-1-NF	—	same as MI-19113-B-1 except both flanges omitted.....	109.00
88	19113-B-1-SF	—	same as MI-19113-B-1 except one of the two flanges is a swivel flange.....	134.00
90	19113-C-4	—	Flange Adapter for Gassed Line.....	35.00
90	19113-C-5	—	Gas Stop .....	57.00
90	19113-C-6	—	Reducer Coupling 3 1/8" to 1 5/8".....	41.00
90	19113-C-7	—	Reducer Coupling 3 1/8" to 1 5/8" for Ungassed Line.....	21.00
90	19113-C-8	—	Straight Coupling .....	8.70

**3/8" HARD COPPER 51.5-OHM VHF STEATITE COAXIAL LINE AND FITTINGS (MI-19113 Series)  
(Continued)**

Catalog Page	MI Number	Type Number	Description	Price
90	19113-C-9	—	Special Inner Conductor.....	\$ 25.00
90	19113-C-10	—	O-Ring Gasket .....	.47
90	19113-C-11	—	Inner Connector .....	2.10
90	19113-C-13	—	Cover Plate .....	9.70
90	19113-C-17	—	End Seal .....	48.00
90	19113-C-18	—	90° Mitre Elbow.....	79.00
90	19113-C-18-F	—	same as MI-19113-C-18 except flange omitted from short leg .....	64.00
90	19113-C-18-NF	—	same as MI-19113-C-18 except both flanges omitted.....	60.00
90	19113-C-19	—	Hardware Kit .....	2.00
90	19113-C-20	—	Fixed Flange .....	9.70
90	19113-C-21	—	Swivel Flange .....	14.00
90	19113-C-22	—	45° Mitre Elbow.....	79.00
90	19113-C-22-F	—	same as MI-19113-C-22 except flange omitted from short leg .....	69.00
90	19113-C-22-NF	—	same as MI-19113-C-22 except both flanges omitted.....	59.00
90	19113-C-51	—	Cut-Off Gauge .....	8.40
90	19113-C-53	—	Transformer, 51.5-Ohm to 50-Ohm.....	75.60
90	19113-C-54	—	Cut-Off Gauge .....	8.40
90	19113-C-55	—	Solder Type Adapter.....	30.50
91	19113-C-58	—	Reducer .....	114.00
91	19113-C-60	—	Adapter, Flanged .....	31.50

**OPEN WIRE LINES**

95	28010	#6	Hard Drawn Copper Wire for Transmission Line Conductors .....	per lb. .53
95	28013	—	Transmission Line Pole and Cap.....	Discontinued
95	L-13853	—	Building Dead End Kit.....	Discontinued
95	L-13854	—	Pole Dead End Kit.....	Discontinued
95	L-13855	—	Lead-In Kit .....	Discontinued
95	L-13852	—	Bayonet Insulator Assembly.....	Discontinued

**FLEXIBLE COAXIAL LINE**

Stryoflex Coaxial Cable,				
96	27742-1	—	3/8" 50-ohm .....	per ft. .90
96	27743-1	—	1/2" 50-ohm .....	per ft. 1.00
96	27746-1	—	1/2" 70-ohm .....	per ft. 1.00
96	27744-1	—	3/4" 50-ohm .....	per ft. 1.50
96	27747-1	—	3/4" 70-ohm .....	per ft. 1.30
96	27745-1	—	7/8" 50-ohm .....	per ft. 1.70
96	27748-1	—	7/8" 70-ohm .....	per ft. 1.50
96	27779-1	—	1 1/8" 50-ohm .....	per ft. 2.50
96	27783-1	—	1 1/8" 70-ohm .....	per ft. 2.30
96	27780-1	—	1 5/8" 50-ohm .....	per ft. 3.70
96	27784-1	—	1 5/8" 70-ohm .....	per ft. 3.40

**TRANSMISSION LINE ACCESSORIES**

97-104	—	—	AM-FM Transmission Line Accessories	
Fixed Hanger for Single Line				
98	19312-41	—	1 5/8" (Clamp on Round Member 1" to 2 1/4") .....	18.40
98	19312-42	—	1 5/8" (Clamp on Round Member 2 1/2" to 5") .....	18.40
98	19313-41	—	3 3/8" (Clamp on Round Member 1" to 2 1/4") .....	21.00
98	19313-42	—	3 3/8" (Clamp on Round Member 2 1/2" to 5") .....	21.00
98	19312-44	—	1 5/8" (Mount Through Hole—Short) .....	11.50
98	19312-47	—	1 5/8" (Mount Through Hole—Long) .....	13.00
98	19313-44	—	3 3/8" (Mount Through Hole—Short) .....	12.10
98	19313-47	—	3 3/8" (Mount Through Hole—Long) .....	12.70
98	19314-44	—	6 1/8" (Mount Through Hole—Grounded) .....	18.40



## TRANSMISSION LINE ACCESSORIES (Continued)

Catalog Page	MI Number	Type Number	Description	Price
98	19112-15	—	Fixed Hanger for Double Line	
98	19112-49	—	1 $\frac{5}{8}$ " (Mount Through Hole—Grounded) .....	\$ 11.25
98	19113-15	—	1 $\frac{5}{8}$ " (Mount Through Hole—Insulated) .....	13.10
98	19113-49	—	3 $\frac{1}{8}$ " (Mount Through Hole—Grounded) .....	12.00
			3 $\frac{1}{8}$ " (Mount Through Hole—Insulated) .....	31.50
100	19312-23	—	Expansion Hanger for Single Line	
100	19312-26	—	1 $\frac{5}{8}$ " (Clamp on Round Members 1" to 2 $\frac{1}{4}$ ") .....	19.50
100	19312-25	—	1 $\frac{5}{8}$ " (Clamp on Round Members 2 $\frac{1}{2}$ " to 5") .....	19.50
			1 $\frac{5}{8}$ " (Clamp on Round Members—	
			Insulated—1" to 2 $\frac{1}{4}$ ") .....	26.00
100	19312-28	—	Insulated—2 $\frac{1}{2}$ " to 5") .....	26.00
100	19313-23	—	3 $\frac{1}{8}$ " (Clamp on Round Members—	
			Grounded—1" to 2 $\frac{1}{4}$ ") .....	23.00
100	19313-26	—	Grounded—2 $\frac{1}{2}$ " to 5") .....	23.00
100	19313-25	—	Insulated—1" to 2 $\frac{1}{4}$ ") .....	31.00
100	19313-28	—	Insulated—2 $\frac{1}{2}$ " to 5") .....	31.00
100	19309-23	—	$\frac{7}{8}$ " (Pivot Clamp on Round Members—	
			Grounded—1" to 2 $\frac{1}{4}$ " Short-Swivel) .....	22.30
100	19309-24	—	Grounded—1" to 2 $\frac{1}{4}$ " Long-Swivel) .....	22.30
100	19309-25	—	Insulated—1" to 2 $\frac{1}{4}$ ") .....	32.60
100	19309-26	—	Grounded—2 $\frac{1}{4}$ " to 5" Short-Swivel) .....	22.30
100	19309-27	—	Grounded—2 $\frac{1}{4}$ " to 5" Long-Swivel) .....	22.30
100	19309-28	—	Insulated—2 $\frac{1}{4}$ " to 5") .....	32.60
100	19312-32	—	1 $\frac{5}{8}$ " (Mount Through Hole)—Grounded, Short .....	14.00
100	19312-33	—	1 $\frac{5}{8}$ " (Mount Through Hole)—Grounded, Long .....	14.00
100	19312-34	—	1 $\frac{5}{8}$ " (Mount Through Hole)—Insulated, Long .....	22.00
100	19313-32	—	3 $\frac{1}{8}$ " (Mount Through Hole)—Grounded, Short .....	15.60
100	19313-33	—	3 $\frac{1}{8}$ " (Mount Through Hole)—Grounded, Long .....	16.20
100	19313-34	—	3 $\frac{1}{8}$ " (Mount Through Hole)—Insulated .....	23.40
100	19309-32	—	$\frac{7}{8}$ " (Pivot Mount Through Hole)—Grounded, Short .....	17.30
100	19309-33	—	$\frac{7}{8}$ " (Pivot Mount Through Hole)—Grounded, Long .....	17.30
100	19309-34	—	$\frac{7}{8}$ " (Pivot Mount Through Hole)—Insulated .....	27.30
			Expansion Hanger for Double Line	
100	19112-14	—	1 $\frac{5}{8}$ " (Mount Through Hole)—Grounded .....	18.40
100	19112-48	—	1 $\frac{5}{8}$ " (Mount Through Hole)—Insulated .....	38.00
100	19113-14	—	3 $\frac{1}{8}$ " (Mount Through Hole)—Grounded .....	25.00
100	19113-48	—	3 $\frac{1}{8}$ " (Mount Through Hole)—Insulated .....	54.00
100	19309-20	—	$\frac{7}{8}$ " (Pivot Clamp on Flat Members)—	
			Grounded, Short-Swivel .....	22.00
100	19309-21	—	Grounded, Long-Swivel .....	22.00
100	19309-22	—	Insulated .....	32.60
100	19309-29	—	$\frac{7}{8}$ " (Pivot Clamp on Angles)—	
			Grounded, Short-Swivel .....	22.80
			Grounded, Long-Swivel .....	22.80
100	19309-30	—	Insulated .....	34.00
100	19113-16	—	Extension Kit .....	3.00
100	19113-56	—	Clamp Kit for Round Members 1" to 2 $\frac{1}{4}$ " .....	(e) 11.60
100	19113-57	—	Clamp Kit for Round Members 2 $\frac{1}{2}$ " to 5" .....	(e) 15.20
100	19113-59	—	Clamp Kit for Angular Members 4" to 8" .....	(e) 14.00

## DEHYDRATOR EQUIPMENT

103-104	27348-1	—	1 Cu. Ft. Double Desiccant Dehydrator .....	805.00
103-104	27348-2	—	1.5 Cu. Ft. Double Desiccant Dehydrator .....	1,480.00
103-104	27348-3	—	2 Cu. Ft. Double Desiccant Dehydrator .....	1,840.00
103-104	27348-4	—	1 Cu. Ft. Single Desiccant Dehydrator .....	625.00

## FM ANTENNAS

105-108	27925-1	BFA-1A	Single Section FM Antenna .....	620.00
105-108	27925-2	BFA-2A	Two-Section FM Antenna .....	1,010.00
105-108	27925-3	BFA-3A	Three-Section FM Antenna .....	1,450.00
105-108	27925-4	BFA-4A	Four-Section FM Antenna .....	1,930.00
105-108	27925-5	BFA-5A	Five-Section FM Antenna .....	2,420.00
105-108	27925-6	BFA-6A	Six-Section FM Antenna .....	2,810.00
105-108	27925-7	BFA-7A	Seven-Section FM Antenna .....	3,320.00
105-108	27925-8	BFA-8A	Eight-Section FM Antenna .....	3,700.00
105-108	27925-10	BFA-10A	Ten-Section FM Antenna .....	4,830.00
105-108	27925-12	BFA-12A	Twelve-Section FM Antenna .....	5,750.00
107	27926	—	De-Icers .....	per Bay 80.00

## AM-FM ANTENNA TOWERS

Catalog Page	MI Number	Type Number	Description	Price
109-116	—	—	AM-FM Antenna Towers.....	On Application
111	—	—	Guyed Towers .....	On Application
111	—	—	Self-Supporting Towers .....	On Application
111	—	—	Tower Construction .....	On Application
112	—	—	Wind Load .....	On Application
114	—	—	Tower Accessory Equipment.....	On Application
114	—	—	Ground Systems .....	On Application
114	—	—	Transmission Line and Hangers.....	On Application
114	—	—	Sampling Lines .....	On Application
114	—	—	Antenna Feed Line.....	On Application
115	—	—	Tower Lighting .....	On Application

### TOWER ACCESSORIES

115	27765	—	Expanded Copper Ground Screen 8 foot x 24 foot Section	\$ 54.50
115	28405-8	No. 10	Copper Wire .....	lb. .52
115	28405-A4	—	Ground Strap, 3" x .020.....	lb. .75
115	—	—	3000 Watt Fisher Pierce Photo-Cell.....	65.00
115	—	—	4500 Watt Fisher Pierce Photo-Cell.....	83.00
115	—	—	Hazard Markers (Set of 3).....	ea. 925.00
115	—	—	Hot Dip Galvanizing of Angle Frame Work for Individual Markers.....	ea. 80.00
115	—	A-1	Tower Lighting Kit, Towers up to 150 feet.....	165.00
115	—	A-2	for 150-foot Towers.....	513.00
115	—	A-3	for 300-foot Towers.....	618.00
115	—	A-4	for 450-foot Towers.....	On Application
115	—	A-5	for 600-foot Towers.....	On Application
115	—	A-6	for 750-foot Towers.....	On Application
115	—	A-7	for 900-foot Towers.....	On Application
115	—	A-8	for 1050-foot Towers.....	On Application
115	—	A-9	for 1200-foot Towers.....	On Application
115	—	A-10	for 1350-foot Towers.....	On Application
115	—	A-11	for 1500-foot Towers.....	On Application
117	28215-1	A-2101	1.5 KW Austin Transformer.....	313.00
117	28215-2	A-1971	3 KW Austin Transformer.....	354.00
117	28215-3	A-2815	7 KW Austin Transformer.....	588.00
117	28215-A1	TI-2017	1.75 KW, Hughey & Phillips Isolation Transformer.....	295.00
			<i>Freight Allowed to Site</i>	
117	28215-A2	TI-2035	3.5 KW, Hnghey & Phillips Isolation Transformer.....	340.00
			<i>Freight Allowed to Site</i>	
118	7112-C	—	Double RF Antenna Lighting Choke.....	37.50
118	27726-A	—	Triple RF Antenna Lighting Choke.....	50.75
118	27728-1	—	Capacitor for Lighting Chokes.....	3.75
118	27741	—	Weatherproof Housing .....	40.00

### SAMPLING LOOPS

119	27729	173-10	Shielded, Rotatable, Insulated Sampling Loops.....	112.00
119	27759	173-10-2	Shielded, Rotatable, Insulated Sampling Loop for use with RG-8U/11U Cable.....	115.00
119	27730	173-11-1	Unshielded, Grounded Sampling Loop.....	34.50
119	27731	173-11-2	Unshielded, Insulated Sampling Loop.....	45.00
120	27723	—	Bowl Insulator, solid stud.....	15.40
120	27724	—	Bowl Insulator, hollow stud.....	20.00

### DUMMY LOADS

121	—	WG	½ KW AM Dummy Load, Ohm-spun.....	148.00
121	—	WG	1 KW AM Dummy Load, Ohm-spun.....	188.20
121	—	WG	5 KW AM Dummy Load, Ohm-spun.....	367.80
121	—	WG	10 KW AM Dummy Load, Ohm-spun.....	724.50
121	27029-3	—	50 KW AM Water-Cooled Load.....	826.35

### ISOLATION FILTER INDUCTORS

121	27735	172-74	Isolation Filter, ⅜" Coaxial Type, Insulated Mounting....	296.00
121	27756-1	172-63	Isolation Inductor, RG-11/U, 75 Ohms.....	104.00
121	27756-2	172-64	RG-8/U, 52 Ohms.....	104.00
121	27756-3	172-65	RG-11/U, 75 Ohms, Panel Wall Mount.....	240.00
121	27756-4	172-66	RG-8/U, 52 Ohms, Panel Wall Mount.....	240.00
121	27756-5	172-47	RG-11/U, 75 Ohms, in Weatherproof Housing.....	439.00
121	27756-6	172-48	RG-8/U, 52 Ohms, in Weatherproof Housing.....	439.00

## ISOLATION FILTER INDUCTORS (Continued)

Catalog Page	MI Number	Type Number	Description	Price
121	27756-7	--	Isolation Inductor, 3/8" Styroflex, 50 Ohms.....	\$ 242.00
121	27756-8	--	3/8" Styroflex, 70 Ohms.....	259.00
121	27756-9	--	3/8" Spirafil, 50 Ohms.....	242.00
121	27756-10	--	3/8" Spirafil, 70 Ohms.....	259.00

## REMOTE ANTENNA AND R-F METERS

122	28027-A	BPM-1	Remote Metering Kit (less meter).....	69.50
122	28037-A	--	Remote Ammeter, 3" White Scale.....	27.50
122	28037-B	--	Remote Ammeter, 3" Black Scale.....	27.50
122	28037	--	Remote Ammeter, 4" White Scale.....	34.50
122	27644	--	Remote Ammeter, 4" Black Scale.....	39.50
<b>3" RF Meter,</b>				
122	7147-2	--	0-2 amp. white face.....	43.50
122	7147-3	--	0-3 amp. white face.....	43.50
122	7147-5	--	0-5 amp. white face.....	43.50
122	7147-8	--	0-8 amp. white face.....	43.50
122	7147-10	--	0-10 amp. white face.....	43.50
122	7147-15	--	0-15 amp. white face.....	43.50
122	7147-20	--	0-20 amp. white face.....	43.50
122	28048-2	--	0-2 amp. black face.....	49.50
122	28048-3	--	0-3 amp. black face.....	49.50
122	28048-5	--	0-5 amp. black face.....	49.50
122	28048-8	--	0-8 amp. black face.....	49.50
122	28048-10	--	0-10 amp. black face.....	49.50
<b>4" RF Meter,</b>				
122	7157-F2	--	0-2 amp. black face.....	83.50
122	7157-F3	--	0-3 amp. black face.....	83.50
122	7157-F5	--	0-5 amp. black face.....	83.50
122	7157-F8	--	0-8 amp. black face.....	83.50
122	7157-F10	--	0-10 amp. black face.....	83.50
122	7157-F15	--	0-15 amp. black face.....	83.50
122	7157-F20	--	0-20 amp. black face.....	83.50
122	7157-F25	--	0-25 amp. black face.....	83.50

## TEST AND MEASURING EQUIPMENT

123-124	--	WO-91-A	5" Cathode-Ray Oscilloscope.....	239.50
128	--	WV-98B	Senior Voltohmyst .....	79.50
128	--	WV-77E	Voltohmyst, factory wired and tested.....	49.95
128	--	WV-77E (K)	Voltohmyst, unwired .....	29.95
129-130	30002-E	WX-2E	Field Intensity Meter.....	850.00
130	--	121	Recording Amplifier .....	175.00
131-132	19384	BW-7A	Field Intensity Meter and Test Set.....	2,950.00
132	--	110	Mobile Recording Drive Assembly.....	90.00
133-134	30066-B	BW-66F	AM Modulation Monitor.....	625.00
134	30450	--	Spare Tube Kit for BW-66F.....	14.94
134	#59160	--	Remote Meter .....	115.00
135-136	30011-B	BW-11A	AM Frequency Monitor.....	865.00
136	93688	--	Remote Meter for BW-11A/11AT.....	50.00
136	8295	--	Spare Tube Kit for BW-11A.....	17.53
136	7962-B	TMV-135L	Crystal Unit for BW-11A.....	50.00
137-138	--	335-BR	Frequency Monitor and Modulation Meter.....	1,565.00
139-140	--	108-E	Phase Monitor .....	From 700.00
--	27983	--	Phase Deviation Meter.....	310.00
--**	ES-560200	BW-73	FM Multiplex Monitor, including crystal and one MI-560312 SCA filter.....	1,500.00
--	--	--	Subcarrier filter (tuned to SCA frequency) for plug-in use if two SCA channels are used.....	75.00
--	--	--	Stereo Adapter for BW-73. Required with BW-73 Monitoring Stereo Programming..... (e)	950.00

\*\* Separate catalog sheet available on request.

# BROADCAST EQUIPMENT SALES POLICY

## FOREWORD

The present statement sets forth basic conditions under which RCA sells broadcast equipment as described in our catalog, and notes certain supplemental information. This statement does not apply to the sale of tubes or sound film recording equipment, for which separate standard sales and lease policies are in effect.

RCA broadcast equipment is sold directly through RCA Sales representatives, who are familiar with broadcast equipment.

## CONTRACT PROCEDURE

All Sales based on orders for transmitters, antennas and custom built or special apparatus and on orders over \$5,000 are made in accordance with the conditions of the RCA Standard Proposal Form for the sale of broadcast equipment and with any agreement stipulated thereon for individual customers.

## PRICES

RCA broadcast equipment domestic prices are net f.o.b. factory or warehouse, which is Camden, New Jersey, for most items. These prices do not include any federal, state or local taxes based upon use or measured by sale or use and unless otherwise noted do not include federal excise tax. Any such taxes in effect at the time of shipment will be billed separately or will be included in the prices when required and will be due and payable upon delivery.

RCA's prices do not include installation or installation supervision unless specifically mentioned in a written condition or proposal. Purchaser assumes responsibility for installation and operation of the equipment as well as for obtaining all necessary licenses, permits, etc.

NOTE: The service of factory trained personnel who are specialists in the supervision of the installation of broadcast equipment and its maintenance and repair may be obtained through an order placed with the RCA Service Company, Inc. It is recommended that the advantages of this service be considered at the time of purchase of any major broadcast equipment.

In the case of orders under the Standard Proposal Form the billing prices are based on those prices effective at the date of the order to the extent indicated in the final contract. In the case of orders not under the Standard Proposal Form the billing prices are those prices in effect on the date of shipment.

RCA endeavors to keep its published prices current; however, all published prices are subject to change without notice.

Prices for items marked with a symbol (e) are estimates and are subject to adjustment to those in effect on the date of shipment.

In the event the estimated prices quoted herein are exceeded by more than 10% and the billing price cannot be established by mutual agreement prior to shipment, such items may be cancelled without liability to RCA or Purchaser by either party giving written notice to the other.

## PAYMENT

Terms of payment are subject to approval of RCA's Credit Department at Camden, New Jersey.

## DELIVERY

RCA's delivery of broadcast equipment will be f.o.b. factory or warehouse, which is Camden, New Jersey for most items. The Purchaser shall be responsible for all transportation charges, and shipments will normally be forwarded with shipping charges "collect." As an accommodation, when specifically requested to do so by the Purchaser's order, RCA will prepay transportation charges and invoice them to the Purchaser as a separate item.

Delivery will be made to a carrier specified by the Purchaser, unless none is specified, in which event it will be to a common carrier selected by RCA. In the absence of specific

routing instructions from the purchaser, RCA's judgment with respect to the selection of a route will be final.

As a special service with respect to shipments overland, by inland waterways or by air we carry All Risk Transportation Insurance for the benefit of our Broadcast Equipment customers, and your interests will be amply protected in all shipments of equipment while in transit by the methods indicated above, at no additional expense to you, provided that you inspect all shipments within 15 days after receipt and report within that time in writing any shortages or damages to the carrier and to RCA.

RCA will endeavor to meet delivery schedules but it assumes no liability for damages of whatever kind for delays in delivery. No delays in delivery shall relieve the purchaser of his obligation of performance.

## PATENT LICENSES

RCA broadcast equipment is licensed for radio telephone or television broadcast transmission under United States patents owned by RCA or under United States patents under which RCA is licensed.

## PATENT PROTECTION

RCA, at its own expense, will defend any suit which may be brought against purchaser for infringement of United States patents by the equipment furnished when sold or used for radio telephone or television broadcast transmission, and in any such suit will satisfy any final award for such infringement. This is upon the condition that purchaser gives RCA prompt notice of such suit and full right and opportunity to conduct the defense thereof, together with full information and all reasonable cooperation, and upon the further condition that the claimed infringement does not result from the combination of the equipment furnished with other equipment, apparatus, or devices not furnished by RCA. No costs or expenses shall be incurred for the account of RCA without its written consent. If purchaser's sale or use of such equipment for radio telephone or television broadcast transmission shall be prevented by permanent injunction, RCA shall substitute for the infringing equipment or parts other equally suitable equipment or parts, or at RCA's option obtain for purchaser the right to sell or continue the use of such equipment, or at RCA's option take back such equipment and refund any sums purchaser has paid RCA therefor, less a reasonable amount for use, damage and obsolescence.

## WARRANTY

Except for electronic tubes, which bear their own warranty which accompanies them at the time of their sale, RCA warrants its broadcast equipment to be free from defects in material and workmanship under normal use and service for a period of one year from the date of delivery. RCA's obligations under this warranty are limited to the repair or replacement of defective parts and the shipment of such repaired or replacement parts to the purchaser f.o.b. factory. Equipment furnished by RCA but listed as manufactured by another bears only the warranty given by such other manufacturer. No warranties other than those set forth herein are given or are to be implied with respect to broadcast equipment. In no event is RCA liable for consequential damages.

## REPAIRED AND RETURNED APPARATUS

Before an apparatus is returned to RCA for repairs or adjustments, shipping instructions and an identifying number should be obtained from the nearest RCA Sales Office. RCA assumes no responsibility for unauthorized returns.

## EQUIPMENT MODIFICATIONS AND WITHDRAWALS

RCA reserves the right to make, without notice, modifications of the equipment described in this catalog without affecting its right to sell such equipment under orders based on the catalog description, provided, however, that the modifications shall not materially affect performance. These modifications of equipment may be made by RCA or its suppliers from time to time for reasons such as improvement in performance, simplification in design, or availability of material. RCA also reserves the right to withdraw from sale, without notice, any equipment described in our catalog.

## ACCEPTANCE OF ORDER

No order shall be binding upon RCA until accepted by it in writing at Camden, New Jersey, and the banking, negotiation or other use of the down payment shall not constitute an acceptance by RCA. Orders received by Sales Offices will be forwarded promptly to RCA's Camden Office.