

RCA

AM/FM TRANSMITTER EQUIPMENT



CONDENSED CATALOG and PRICE LIST

RCA has an AM or FM transmitter for every discriminating broadcaster—a transmitters that will reach out and capture your audience and help you keep it.

Every transmitter is transistorized to cut down on the number of tubes, reduce floor space and minimize off-air time. All are designed for unattended remote control. All are tested and tuned on customer frequency prior to shipment.

This Condensed Catalog and Customer Price List "puts it all together" in one compact package.

Unless otherwise indicated, RCA Stock Numbers identify equipment to be operated on 115 volts, 60 Hz power. Similar equipment is available for operation on 230 volts and 50 Hz power.

Not all items of Broadcast Radio Equipment are listed. Contact your RCA Representative for special requirements or complete specification detail. All sales are subject to RCA's Standard Terms and Conditions of Sale. Prices are subject to change without notice and are FOB shipping point.

Effective Date: March 15, 1976

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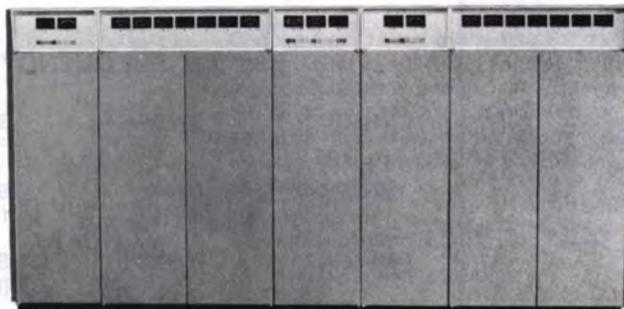
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AM TRANSMITTERS

Choose from ten high quality AM transmitters, 250W to 200kW. All AM transmitters are supplied with one set of tubes and one crystal, tuned and tested on operating frequency before shipment. Contact your RCA Representative to determine type of power cutback kit, if required.



BTA-5L2



BTA-20L2

RCA Stock No.	Type	Description	List Price
ES-560947	BTA-1S	250 or 500W AM Transmitter, 208/240V, 1 ϕ power	\$ 6,395.00
ES-560650	BTA-1S	1kW AM Transmitter, 208/240V, 1 ϕ power	\$ 6,995.00
ES-560655		Tube Kit, complete set for BTA-1S	\$ 220.50
ES-560676B	BTA-5L2	5kW AM Superphase Transmitter 208/240V, 3 ϕ power	\$ 28,500.00
ES-560680		Tube Kit, complete set for BTA-5L2	\$ 1,281.00
ES-560946		Conversion Kit, BTA-5L2 to BTA-10L2	\$ 5,995.00
ES-560677B	BTA-10L2	10kW AM or Superphase Transmitter, 208/240V, 3 ϕ power	\$ 30,995.00
ES-560679		Tube Kit, complete set for BTA-10L2	\$ 1,488.90
ES-560961		Line Protection Kit for BTA-5L2/10L2	\$ 2,000.00
ES-560968	BTA-20L2	Two 10kW AM Superphase Transmitters, combined to give 20kW, 208/240V, 3 ϕ power	\$ 71,995.00
ES-560679(2)		Tube Kit, complete set for BTA-20L2	\$ 2,977.80
ES-27221D	BTA-50J	50kW AM Superphase Transmitter with two crystals, and BTE-20B solid state exciter, 460V, 3 ϕ power	\$129,995.00
ES-27222E		Tube Kit, complete set for BTA-50J	\$ 4,404.75
ES-560969	BTA-50+50J	Two 50kW AM Broadcast Transmitters, combined to give 100kW, 460V, 3 ϕ power	\$279,995.00
ES-27222E(2)		Tube Kit, complete set for BTA-50+50J	\$ 8,809.50
ES-34100CX	BTA-100J	100kW Medium Wave AM Transmitter for operating frequency range 535Kc to 1620Kc, 460V, 3 ϕ power	\$179,995.00
ES-27222G		Complete Operating Tube Kit for BTA-100J	\$ 7,442.00
ES-34100DX	BTA-200J	200kW Medium Wave AM Transmitter, consists of two BTA-100J Transmitters and combining equipment, 460V, 3 ϕ power	\$389,995.00
ES-27222G(2)		Complete Operating Tube Kit for BTA-200J	\$ 14,883.75

SUPERPHASE SOLID STATE EXCITERS

Superphase exciters are used with current RCA AM transmitters of 5kW and higher power. Superphase is a modulation technique that gives RCA transmitters a high standard of performance that is unmatched in the industry.



BTE-20B



BW-50A



BW-52



BW-60

RCA Stock No.	Type	Description	List Price
ES-560752B	BTE-20B	Superphase Exciter/Modulator with one crystal	\$ 5,995.00
ES-560911		Solid State Exciter Conversion Kit for BTA-50H/H1, complete w/one crystal and BTE-20B Exciter/Modulator	\$ 7,995.00

AM CRYSTALS

MI-27494 (FREQ.)	TMV-129B	Crystal Unit (BTA-50G/50H/50H1, BTA-1M, BTA-1MX, BTA-5F, BTH-100A/100B)	\$ 150.00
MI-27493 (FREQ.)	TMV-130B	Crystal Unit (BTA-500R/1N/1N1/1R/1S/5R/5T/5U/5L/5L1/5L2/10U/10L/10L1/10L2/50HS, 50H1S/50J/100J)	\$ 150.00

AM FREQUENCY & MODULATION MONITORS

MI-560767-1	BW-50A	Solid State AM Modulation and Frequency Monitor	\$ 1,500.00
MI-561042	BW-51	Solid State AM Modulation Monitor, 117/234 volts, 50/60 Hz	\$ 850.00
MI-563472	BW-52	Solid State AM Modulation Monitor (BCD Control) 117/234 volts, 50/60 Hz	\$ 1,300.00
MI-560896-1		Remote Metering Panel for BW-50, 117/234V, 50/60 Hz	\$ 225.00
MI-561047		Remote Metering Panel for BW-51, 117/234V, 50/60 Hz	\$ 175.00
MI-563473		Remote Metering Panel for BW-52, 117/234V, 50/60 Hz	\$ 225.00
MI-560762-1	BW-60	Solid State Amplifier for BW-50 (Factory wired for 117V, 50/60 Hz)	\$ 575.00
MI-560762-2	BW-60	Same as above but factory wired for 234V, 50/60 Hz	\$ 575.00
MI-561325		Shielded Loop Antenna for BW-60	\$ 245.00
ES-561353	BTC-100	Automatic Power Output Control for one AM Transmitter. (Requires Demodulator)	\$ 1,795.00

(For RF and Remote Antenna Meters, contact your RCA Representative.)

Price Description RCA Stock No. Type Description List Price

TUNERS, AUDIO SENSORS

AMR-1	AM Tuner (rack mount—1¾")	\$ 99.50
AMR-3	AM Tuner as above (three channel)	\$ 125.00
FMR-1	AM Tuner as above (three channel)	\$ 125.00
FMR-5	FM Tuner as above (five crystal channels*)	\$ 135.00
EBS-2	EBS Two Tone Audio Sensor (rack mount—3½")	\$ 99.50
TG-2	EBS Two Tone Generator (rack mount—3½")	\$ 225.00

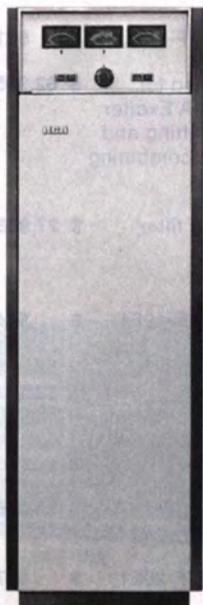
*One crystal supplied; others available for five preset positions—\$10.00 each.

FM TRANSMITTERS WITH BTE-15A SOLID STATE EXCITER

Choose from 14 top-of-the-line FM transmitters, 10W to 40kW. All FM transmitters include tubes and one crystal assembly and are listed as monaural systems. Stereo and SCA modules are shipped installed and tested with the transmitter at the following additional prices:

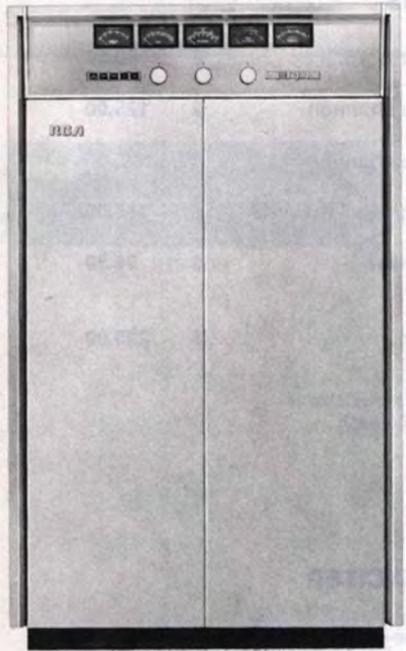
Monaural and 1 SCA	\$ 810.00
Monaural and 2 SCA	\$ 1,640.00
Stereo	\$ 1,750.00
Stereo and 1 SCA	\$ 2,600.00
Stereo and 2 SCA	\$ 3,400.00

ES-560698	BTE-10AT	10 Watt FM Transmitter w/ all Solid State BTE-15A Exciter. Includes cabinet.	\$ 4,850.00
ES-560698-A	BTE-10AT	Same as above, except for rack mount and cabinet not included	\$ 4,750.00
ES-560915	BTF-3E1	3kW FM Transmitter, 3-phase power with harmonic filter, 208/240V	\$ 17,995.00
ES-560915A	BTF-3E1	3kW FM Transmitter, single phase power with harmonic filter, 208/240V	\$ 18,495.00
ES-560920		Complete set of spare tubes for BTF-3E1	\$ 357.00
ES-560922	BTF-3E1+3E1	Two 3kW FM Transmitters, combined for 6kW output. Includes one BTE-15A Exciter System, complete w/power dividing equipment, output combining equipment and two Harmonic Filters. 3-phase power.	\$ 44,995.00



BTF-3E1/5E2

THREE-PHASE SOLID STATE EXCITER



BTF-5E1/10E1/20E1

RCA Stock No.	Type	Description	List Price
ES-560922A	BTF-3+3E1	Two 3kW FM Transmitters, combined power for 6kW output. Includes one BTE-15A Exciter system, complete w/power dividing equipment, output combining equipment and two harmonic filters, single phase power.	\$ 45,995.00
ES-560916	BTF-5E2	5kW FM Transmitter, w/harmonic filter 208/240V, 3-phase power.	\$ 20,995.00
ES-560920		Complete set of spare tubes for BTF-5E2	\$ 357.00
MI-561023(CB)		Remote Power Control for BTF-5E2, factory installed	\$ 275.00
ES-560962	BTF-5+5E2	Two 5kW FM Transmitters combined for 10kW output. Includes one BTE-15A Exciter system complete w/power dividing equipment and two harmonic filters.	\$ 49,995.00
ES-560600A	BTF-5E1	5kW FM Transmitter, w/harmonic filter, convertible to 10kW or 20kW. 208/240V, 3-phase power.	\$ 23,995.00
ES-560607		Complete set of spare tubes for BTF-5E1	\$ 501.90
ES-560637B	BTF-5+5E1	Two 5kW FM Transmitters combined for 10kW output. Includes two BTE-15A Exciter systems, complete w/exciter switching and power dividing equipment, output combining equipment and one harmonic filter.	\$ 62,995.00
ES-560601A	BTF-10E1	10kW FM Transmitter, w/harmonic filter convertible to 20kW. 208/240V, 3-phase power.	\$ 27,995.00
ES-560608		Complete set of spare tubes for BTF-10E1	\$ 554.40
ES-560638B	BTF-10+10E1	Two 10kW FM Transmitters combined for 20kW output. Includes two BTE-15A Exciter systems complete w/exciter switching and power dividing equipment, output combining equipment and one harmonic filter	\$ 68,995.00
ES-560602A	BTF-20E1	20kW FM Transmitter, w/harmonic filter. 208/240V, 3-phase power.	\$ 35,395.00
ES-560609		Complete set of spare tubes for BTF-20E1	\$ 677.25
MI-560307-31(CB)		AM Noise Reduction Kit for low power operation, factory installed	\$ 700.00
ES-560606B	BTF-40E1	Two 20kW FM Transmitters combined for 40kW output. Includes two BTE-15A Exciter systems complete w/exciter switching and power dividing equipment, output combining equipment and one harmonic filter (6 1/8" dia.)	\$ 84,795.00
		NOTE: The BTF-40E1 can be supplied with various exciter, harmonic filter, and output combining configurations. Contact your local RCA Representative to discuss your exact requirements.	
ES-560613		Complete set of spare tubes for BTF-40E1	\$ 1,354.00

RCA Stock No. Type Description List Price

FM POWER CONVERSION KITS

(Removed items returned to RCA)

ES-560970		Conversion from BTF-3E1 (3 phase) to BTF-5E2 (3-phase)	\$ 3,595.00
ES-560970		Conversion from BTF-3E1 (single phase) to BTF-5E2 (3 phase)	\$ 4,095.00
ES-560642-A		Conversion from BTF-5E1 to BTF-10E1	\$ 7,950.00
ES-560643-A		Conversion from BTF-5E1 to BTF-20E1	\$ 15,910.00
ES-560644-A		Conversion from BTF-10E1 to BTF-20E1	\$ 11,500.00
ES-560645-A		Conversion from BTF-20E1 to BTF-40E1. Includes BTE-15A monaural exciter, but no harmonic filter. Contact your local RCA Representative for other configurations.	\$ 50,795.00

SPARE FM EXCITERS AND ACCESSORIES

All FM Exciter systems include module extender, crystal and oven to customer's frequency.

ES-560631	BTE-15A System	BTE-15A Exciter System—Mono	\$ 4,750.00
ES-560632	BTE-15A System	BTE-15A Exciter System—Mono and 1 SCA	\$ 5,560.00
ES-560633	BTE-15A System	BTE-15A Exciter System—Mono and 2 SCA	\$ 6,390.00
ES-560634	BTE-15A System	BTE-15A Exciter System—Stereo	\$ 6,500.00
ES-560635	BTE-15A System	BTE-15A Exciter System—Stereo and 1 SCA	\$ 7,350.00
ES-560636	BTE-15A System	BTE-15A Exciter System—Stereo and 2 SCA	\$ 8,150.00
MI-560716		Mono Input Adapter	\$ 485.00
MI-560717		Spare Crystal with Oven for BTE-15A Exciter	\$ 110.00
MI-560713	BTS-1B	All Solid State Stereo Generator Module (plugs into BTE-15A Exciter System or MI-560711A Frame)	\$ 1,825.00
MI-560711A		Frame and Power Supply for BTS-1B Stereo Generator	\$ 995.00
ES-560639	BTS-1B System	Stereo Generator and Power Supply Frame	\$ 2,650.00
MI-560714	BTX-1B	All Solid State SCA Generator Module with L.P. Filter (plugs into BTE-15A Exciter System or MI-560720 Frame)	\$ 840.00
MI-560720		Frame and Power Supply for two BTX-1B SCA Generators	\$ 780.00



BTE-15A

If You Didn't Get This From My Site,
Then It Was Stolen From...

RCA Stock No.	Type	Description	List Price
ES-560640	BTX-1B System	One SCA Generator and Power Supply Frame	\$ 1,560.00
ES-56041	BTX-1B System	Two SCA Generators and Power Supply Frame	\$ 2,395.00
		(For Misc. FM Transmitter Accessories, contact your local RCA Representative.)	
MI-560700		Exciter Switching Equipment, Manual with hybrid splitter for output to two transmitters combined	\$ 4,300.00
MI-563470		Dual Exciter/Transmitter Cross Switching System (Manual)	\$ 2,700.00
MI-563471		Automatic Control for Manual Dual Exciter/Transmitter Cross Switching System (control for MI-563470)	\$ 1,650.00
MI-561353	BTC-100	Automatic Power Output Control for one FM Transmitter. (Requires four port directional coupler.)	\$ 1,795.00
MI-561043-4		Four Port Directional Coupler, 20 kW, 3 1/8", 50 ohms	\$ 590.00
MI-561043-8		As above, 10 kW	\$ 590.00
MI-561043-12		As above, 5 kW	\$ 590.00

FM MONITORS

The four units listed form a complete FM transmitter monitoring facility. A monaural station needs only the main-channel monitor (BW-75A). The BW-100 is for those who prefer to monitor from an off-air signal.



BW-75A

MI-560735	BW-75A	FM Frequency and Modulation Monitor (all solid state)	\$ 1,550.00
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BW-85A

MI-560736		Remote Metering Panel for BW-75A	\$ 145.00
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MI-560740	BW-85A	Stereo Frequency and Modulation Monitor (use with BW-75A)	\$ 1,350.00
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BW-95A

MI-560741		Remote Metering Panel for BW-85A	\$ 145.00
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MI-560745	BW-95A	SCA Frequency and Modulation Monitor (use with BW-75A)	\$ 1,250.00
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		Second Subcarrier Freq.	\$ 50.00
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MI-560746		Remote Metering Panel for BW-95A	\$ 145.00
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BW-100B

MI-560738	BW-100B	RF Amplifier for Remote Operation of BW-75A	\$ 500.00
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		10 Element Yagi Antenna for BW-100B	\$ 75.00
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AM/FM REMOTE CONTROL EQUIPMENT

These remote control systems are designed explicitly to handle today's AM and FM transmitter remote control requirements. They feature wired or wireless control, noiseless studio operation, fail safe design, provision for external meters, and accessibility. The BTR-15B is a 30-function system; the BTR-30A1 offers 60 functions.



BTR-15B

RCA Stock No.	Type	Description	List Price
ES-561157	BTR-15BW	BTR-15 30-Function Remote Control System, AC wire line version	\$ 2,595.00
ES-561158-26	BTR-15BR	BTR-15 30-Function Remote Control System, radio version, 26 kHz subcarrier (other frequencies available)	\$ 2,900.00
ES-561158-110	BTR-15BR	BTR-15 30-Function Remote Control System, radio version, 110 kHz subcarrier (other frequencies available)	\$ 2,900.00
	BTR-30A1	BTR-30A1 60-Function (30 raise, 30 lower) Remote Control System, 30 metering channels. Contact your RCA Representative for wire or radio configuration.	\$ 3,895.00

REMOTE METER PANELS

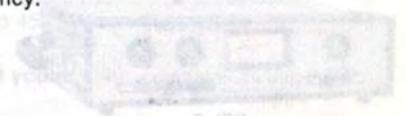
The BTC-2 transmitter extension control panel provides local external control for any AM or FM transmitter equipped with plate power and filament power relays and motorized power output controls. The panel displays three operating parameters and provides on/off control for filament and plate power, raise/lower for output power. Meter panels may be used locally with the BTC-2 or with BTR-15 or BTR-30 Remote Control Systems.

ES-561438	BTC-2	Extension Control/Metering Panel, including 3 meters (specify scale)	\$ 495.00
ES-561443-1		Meter Panel with 1 meter (specify scale)	\$ 120.00
ES-561443-2		Meter Panel with 2 meters (specify scale)	\$ 175.00
ES-561443-3		Meter Panel with 3 meters (specify scale)	\$ 215.00

(For selection of meter scales, contact your local RCA Representative.)

TELEMETRY RECEIVER

MI-561182	TMR-1	Telemetry Receiver for FM. Recovers 67 kHz SCA channel including sub-audible metering. Specify Frequency.	\$ 210.00
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AUTOMATIC LOGGING EQUIPMENT

Automatic log entries are made dependably and accurately, relieving station personnel from the tedium of log-keeping and releasing them for more productive work. RCA systems can log any parameter that can be sampled with a representative DC voltage.

RCA Stock No.	Type	Description	List Price
MI-561198	DLS-1	Automatic Logging System for use with BTR-15B or BTR-30A1 (For Remote Control Accessories, contact your local RCA Representative.)	\$ 7,950.00

MOSELEY STL AND RPL EQUIPMENT

STL equipment provides a high quality air link between the studio and a transmitter site at a remote point. RPL equipment is used for the relay of on-location programming to the studio or transmitter sites via VHF or UHF FM radio. RPL equipment is solid state and operates from an automotive 12V system or from commercial power lines.



PCL-505 Transmitter

PCL-505	STL Transmitter and Receiver (148-174, 215-240, 300-330, 450-470 and 890 to 980 kHz—specify frequency)	\$ 3,880.00
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PCL-101 Transmitter

PCL-505/C	Same as PCL-505 except transmits composite stereo over single STL	\$ 4,190.00
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PCL-101 Receiver

	Spare Crystal Set for PCL-505/PCL-101	\$ 44.00
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PCL-101	STL (148-174 MHz, 215-240 MHz—specify frequency)	\$ 2,050.00
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PCL-101	STL (450-470 MHz, other frequencies to special order—specify frequency)	\$ 2,395.00
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PCL-101	STL (890-960 MHz—specify frequency)	\$ 2,995.00
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(For Moesley Accessory STL Equipment, contact your local RCA Representative.)



RPL-3

RPL-3	Remote Pickup Link, 160 MHz	\$ 2,095.00
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RPL-4	Remote Pickup Link, 450 MHz	\$ 2,395.00
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(For Moesley Accessory Remote Pickup Equipment, contact your local RCA Representative.)

AM BROADCASTING EQUIPMENT
 120 VAC, 60 HZ, 100 WATT
 120 VAC, 60 HZ, 100 WATT

RCA Stock No. Type Description List Price



STL-8 Transmitter



R-200 Receiver

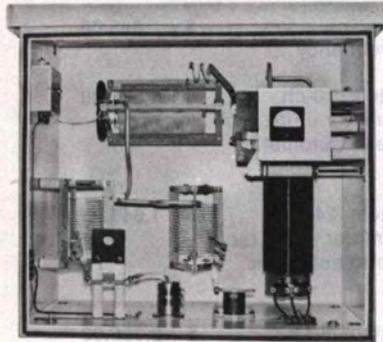
MARTI STL & REMOTE CONTROL EQUIPMENT

STL-8F	950 MHz STL Transmitter, 8 watt, c/w crystal and tuned to frequency	\$ 1,395.00
R-200/950F	950 MHz STL Receiver, c/w crystal and tuned to frequency	\$ 895.00
RMC-2AX	Radio Remote Control System, 10-ch, complete w/studio & transmitter units, rack mount. 120 VAC, adaptable to automatic logging	\$ 1,395.00
RMC-2AX	Radio Remote Control System, 24-ch, complete w/studio & transmitter units, rack mount. 120 VAC, adaptable to automatic logging	\$ 1,645.00
DRC-24-8	Digital Remote Control System, 8-ch, w/data telemetry, rack mount	\$ 2,350.00
DRC-24-16	Digital Remote Control System, 16-ch, w/data telemetry, rack mount	\$ 2,650.00
DRC-24-24	Digital Remote Control System, 24-ch, w/data telemetry, rack mount	\$ 2,950.00
DSD-16	Digital Status Display for use with DRC-24 System	\$ 380.00
(For Marti Antenna and Accessory STL and Remote Control Equipment, contact your local RCA Representative.)		
M-30BT/TPS	Remote Pickup Transmitters, mobile, 30W, broadcast quality, 150 and 450 MHz	\$ 795.00
RPT-40	Portable Transmitter complete w/crystals (150-170 MHz)	\$ 975.00
RPT-25	Portable Transmitter complete w/crystals (450-170 MHz)	\$ 1,145.00
SCG-8H	Sub-carrier Generator, solid state, tuned to 39 or 67 kHz, 120 VAC, complete w/mute module, 3½" x 19"	\$ 395.00
SCG-8H	Sub-carrier Receiver, solid state, tuned to 39 or 67 kHz, 120 VAC, 3½" x 19"	\$ 345.00
R-30/150	Receiver, rack mount, continuous-duty, c/w tubes, crystal & tuned to 150 MHz	\$ 575.00
R-50/450	Receiver, rack mount, continuous-duty, c/w tubes, crystal & tuned to 450 MHz	\$ 695.00

**(For Marti Antennas, contact your local
RCA Representative.)**

AUTOMATIC LOGGING EQUIPMENT AM PHASING EQUIPMENT

RCA fabricates AM Antenna Phasing and Branching equipment systems to individual requirements. For details, see RCA Catalog RA.6211A or contact your local RCA Representative.



RCA Stock No.	Type	Description	List Price
ANTENNA TUNING UNITS			
		(Enclosed in weatherproof housing or on open panel.)	
LТУ-1В		Antenna Tuning Unit, 1 kW, 540 kHz to 1600 kHz	\$ 900.00
LТУ-5В		Antenna Tuning Unit, 5 kW, 540 kHz to 1600 kHz	\$ 1,200.00
LТУ-10В		Antenna Tuning Unit, 10 kW, 700 kHz to 1600 kHz	\$ 1,620.00
LТУ-25В		Antenna Tuning Unit, 25 kW, 700 kHz to 1600 kHz	\$ 2,450.00
		Note 1: Above prices do not include remote metering pickup unit, remote meter, tower lighting choke nor static drain choke. These features may be added at nominal additional cost if specified at time of order.	
		Note 2: Antenna Tuning Units for frequency and powers other than those listed above are available as custom built units.	
		Note 3: RCA catalog RA.6111A provides additional details.	



List Price RCA Stock No. Type Description List Price

AM PHASE MONITORS

(Potomac Instruments, Inc.)

AM-19 (204)	Analog readout of phase and loop currents. Transistorized.	
	DA-2 Pattern	
	2 Towers	\$ 1,660.00
	3 Towers and up to a total of 9 towers, add per tower	\$ 80.00
AM-19D (210)	Same as AM-19 (204) except Digital read-out.	
	DA-2 Pattern	
	2 Towers	\$ 2,610.00
	3 Towers and up to a total of 9 towers, add per tower	\$ 80.00
PM-19 (204)	Consists of AM-19 (204) and Precision Monitor Adapter to provide high resolution phase measurements to 0.1 degree and 0.1% current deviation. Digital read-out.	
	DA-2 Pattern	
	2 Towers	\$ 4,810.00
	3 Towers and up to a total of 9 towers, add per tower	\$ 630.00

Phase Monitor Accessories

RMP-19 (204)	Remote Metering Panel for use with AM-19 (204)	\$ 260.00
RMP-19D (210)	Digital Remote Metering Panel for use with AM-19D (210)	\$ 1,150.00
RSA-19	Remote Switching Panel	\$ 455.00
ECP-19	Extension Control Panel	\$ 360.00

RF Bridge Measurement Accessories

SD-31	Frequency Synthesizer and Coherent Detector	\$ 995.00
SD-31/RX-31	SD-31 with RX-31 Receiver Option	\$ 1,250.00

PHASE SAMPLING LOOPS

ISL-1	Shielded, insulated, rotatable sampling loop, 50-ohms, mates with type "N" plug	\$ 280.00
ISL-2	Unshielded, grounded or insulated, fixed sampling loop; 50 ohms, mated with type "N" plug	\$ 125.00



RCA Stock No. Type Description List Price

AM ISOLATION COILS

M150-FHJ2-50	Isolation Inductor, 3/8" Foam Heliax or Wellflex, Jacketed, 50 ohm, mates with UHF plug	\$ 465.00
M135-FHJ4-50	Isolation Inductor 1/2" Foam Heliax or Wellflex, Jacketed, 50 ohm, mates with UHF plug	\$ 500.00

FIELD INTENSITY METERS

FIM-21	Solid State Field Strength Meter, 540-1600 kHz	\$ 1,150.00
FIM-41	Solid State Field Strength Meter, 540-1600 kHz and 1.58 to 4.8 MHz	\$ 1,595.00

REMOTE ANTENNA METERING KITS

RM-1	Remote Metering Kit and Remote Meter	\$ 135.00
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AM RF LOADS

WG-33809-G	1 kW, 50 ohm, RF air cooled load rated for 100% modulation	\$ 229.00
WG-33825-J	5 kW, 50 ohm, RF air cooled load rated for 100% modulation	\$ 520.00
WG-33832-J(2)	10 kW, 50 ohm, RF air cooled load rated for 100% modulation	\$ 1,035.00
MI-27029-3	50 kW AM water cooled 50 ohm load resistor	\$ 1,065.00
	50 kW AM water cooled 50 ohm load, including flow-meters, thermometers, hoses, valves	\$ 3,450.00

FM ISOLATORS FOR AM TOWERS

MI-561573	BAF-15A	10 kW AM-FM Isolation Unit	\$ 1,251.00
MI-561574	BAF-16A	40 kW AM-FM Isolation Unit	\$ 1,390.00

If You Didn't Get This From My Site,
Then It Was Stolen From...

RCA Stock No. Type

Description

List Price

FM HARMONIC FILTERS

FM Harmonic Filters are provided with RCA FM Transmitters and are generally not sold separately.

FM COAXIAL COUPLERS

RCA FM Combining Coaxial Couplers are sold with RCA Paralleled FM Transmitters and are not normally sold separately.

FM DUMMY LOADS

MI-561422L	RF Load and Wattmeter, 5 kW, air cooled.	\$ 1,200.00
	RF Load and Wattmeter, 10 kW, water cooled, closed system.	\$ 2,729.00
	RF Load and Wattmeter, 20 kW, water cooled, closed system.	\$ 3,727.00
	RF Load and Wattmeter, 40 kW, water cooled, closed system.	\$ 5,734.00
	RF Load and Wattmeter, 10W Max., air cooled.	\$ 176.00
	RF Load and Wattmeter, 1 kW, air cooled.	\$ 703.00

FM ANTENNAS

TABLE I

**BFC SERIES, FM ANTENNA—CIRCULARLY POLARIZED
FREQUENCY BAND 88-108 MHz**

Type	No. of Bays	Power Gain per Polarization	Power Rating (kW)	LESS DEICERS AND RADOMES Price	WITH DEICERS Price	Power Rating (kW)	WITH RADOMES Price
BFC-1B	1	.46	4	\$ 1,640.00	\$ 2,015.00	10	\$ 2,230.00
BFC-2B	2	1.0	8	2,640.00	3,456.00	20	3,775.00
BFC-3B	3	1.5	12	3,735.00	5,110.00	30	5,465.00
BFC-4B	4	2.1	16	4,990.00	6,835.00	40	7,295.00
BFC-5B	5	2.7	20	6,165.00	8,480.00	40	9,035.00
BFC-6B	6	3.2	24	7,260.00	10,045.00	40	10,734.00
BFC-7B	7	3.8	28	8,445.00	11,675.00	40	12,390.00
*BFC-8B	8	4.3	32	9,940.00	13,685.00	40	14,605.00
*BFC-10B	10	5.5	40	11,735.00	17,105.00	40	18,190.00
*BFC-12B	12	6.6	40	14,590.00	20,245.00	40	21,695.00
*BFC-14B	14	7.8	40	17,075.00	23,640.00	40	25,215.00
*BFC-16B	16	8.9	40	19,515.00	27,050.00	40	28,730.00

*Indicates center feed antenna; input approx. 15 ft. below center.

NOTE: These antennas include standard tower mounting brackets and and input matching transformer. Beam tilt or null fill or both are available at a nominal additional cost. Deicer requirement is 208/240 volt, single phase approximately 750 VA per element.



TABLE II
BFG SERIES, FM TRIPOLE ANTENNA—CIRCULARLY POLARIZED
FREQUENCY BAND 88-108 MHz

Type	No. of Bays	Total Power Gain** (Hor. + Vert.)	Power Rating (kW)	LESS DEICERS Price	WITH DEICERS Price
BFG-1A	1	0.9	6	\$ 1,795.00	\$ 2,180.00
BFG-2A	2	2.0	12	2,895.00	4,005.00
BFG-3A	3	3.0	18	3,895.00	5,970.00
BFG-4A	4	4.2	24	5,540.00	8,015.00
BFG-5A	5	5.4	30	6,800.00	10,005.00
BFG-6A	6	6.4	36	8,025.00	11,855.00
BFG-7A	7	7.6	40	9,340.00	15,280.00
*BFG-8A	8	8.6	40	10,965.00	16,140.00
*BFG-10A	10	11.0	40	13,645.00	19,790.00
*BFG-12A	12	13.2	40	16,130.00	23,635.00
*BFG-14A	14	15.6	40	18,880.00	27,585.00
*BFG-16A	16	17.8	40	21,570.00	32,125.00

*Indicates center feed antenna; input approx. 15 ft. below center.
 **Horizontally polarized gain may be specified between 50 and 75% of total gain shown in table.

NOTE: These antennas include standard tower mounting brackets and an input matching transformer. The antennas may be supplied with beam tilt or null fill or both. The ratio of the horizontally polarized gain to the vertically polarized gain may be specified different from unity. Deicers require 208/240 volt, single phase approximately 750 VA per element. They are not available with radomes.

TABLE III
BFH SERIES, FM ANTENNA—CIRCULARLY POLARIZED
FREQUENCY BAND 88-108 MHz

Type	No. of Bays	Power Gain per Polarization	Power Rating (kW)	LESS DEICERS AND RADOMES Price	WITH DEICERS Price	Power Rating (kW)	WITH RADOMES Price
BFH-1A	1	0.46	2	\$ 890.00	\$1,130.00	5	\$ 1,430.00
BFH-2A	2	1.0	4	1,435.00	2,030.00	10	2,605.00
BFH-3A	3	1.5	6	2,060.00	3,020.00	12	3,820.00
BFH-4A	4	2.1	8	2,755.00	4,060.00	12	5,105.00
BFH-5A	5	2.7	10	3,410.00	5,060.00	12	6,385.00
BFH-6A	6	3.2	12	4,020.00	6,000.00	12	7,415.00
BFH-7A	7	3.8	12	4,680.00	7,030.00	12	8,820.00
BFH-8A	8	4.3	12	5,555.00	8,220.00	12	10,290.00

NOTE: These antennas include standard mounting brackets; beam tilt, null fill or both may be specified additions; deicers require 208/240 volt, single phase approximately 750 VA per element.



RCA can supply mounted or ground towers, guyed or self-supporting
to your requirement. Contact your local RCA Representative.

RCA Stock No. Type

Description

List Price

List Price

Description

Type

RCA Stock No.

On Appl.

TABLE IV

**BFI SERIES, EDUCATIONAL FM ANTENNA
HORIZONTAL OR CIRCULAR POLARIZATION—FREQUENCY BAND 88-92 MHz**

Type	No. of Bays	POWER GAIN		LESS DEICERS	
		Horizontal Polarization	Vertical Polarization	Power Rating (kW)	Price
BFI-1C	1	0.46	0.46	0.5	\$300.00
BFI-2C	2	1.00	1.00	0.5	865.00
BFI-1H	1	0.9	—	0.5	300.00
BFI-2H	2	1.9	—	0.5	865.00

FM Antenna Pattern Measurements

Omnidirectional Pattern (for uniform towers, not exceeding 10 foot face) **\$ 1,950.00**

Pattern measurements for Directional Antennas (for uniform towers, not exceeding 10 foot face) **\$ 2,150.00**

TABLE V

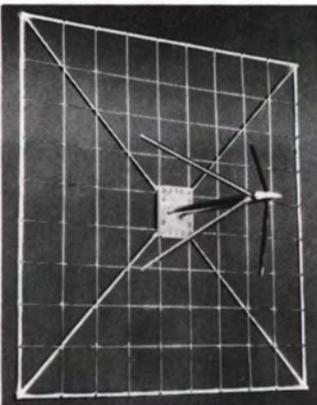
**BFJ SERIES FM PANEL ANTENNA—CIRCULARLY POLARIZED
FREQUENCY BAND 88-108 MHz**

Type	Number of Layers (3 Panels/Layer)	Power Gain per Polarization Power dB		Power Rating (kW)	Without Radomes	With Radomes
					Price	Price
BFJ-3A	3	1.5	1.76	30	\$18,270.00	\$20,250.00
BFJ-4A	4	2.1	3.22	40	22,880.00	25,520.00
BFJ-5A	5	2.7	4.31	45	28,450.00	31,750.00
BFJ-6A	6	3.3	5.19	45	32,260.00	36,220.00
BFJ-8A	8	4.4	6.43	45	43,260.00	48,540.00
BFJ-10A	10	5.5	7.40	45	54,240.00	60,840.00
BFJ-12A	12	6.6	8.20	45	63,180.00	71,100.00

Deicer Controls

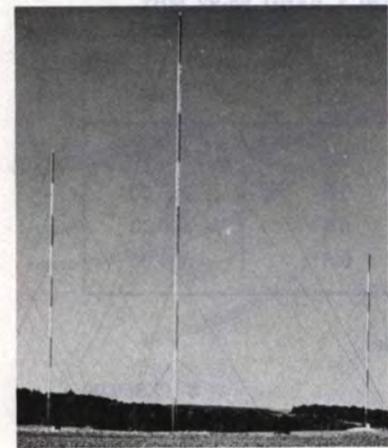
MI-27369A Automatic Sleet Melter Control **\$ 325.00**

MI-561572 Rosemount Ice Warning System **\$ 1,350.00**



TOWERS

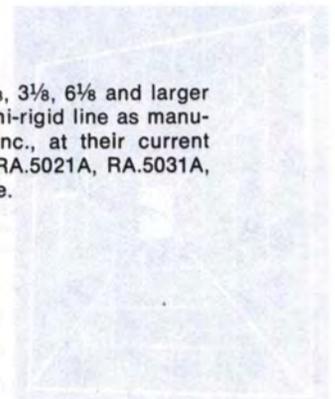
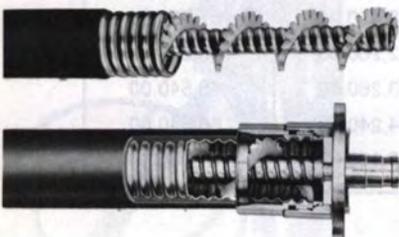
RCA can supply insulated or grounded towers, guyed or self-supporting to your requirement. Contact your local RCA Representative.



RCA Stock No.	Type	Description	List Price
Ground System Material			
MI-27765		8'x24' (expanded size) ground screen	On Appl.
MI-28405-8		No. 10 soft drawn copper wire (31.2 ft/lb.)	On Appl.
MI-28405-A4		3"x.020" ground strap (4.51 ft/lb.)	On Appl.
Tower Lighting Material			
	LC-2	Double Winding RF Choke (includes 2 capacitors)	\$ 110.00
	LC-3	Triple Winding RF Choke (includes 3 capacitors)	\$ 140.00
	SD-1	Static Drain Choke	\$ 45.00
	WH-LC	Weatherproof housing for either lighting choke	\$ 145.00
		Tower Lighting Transformers of various capacities between 0.7 KVA and 5.0 KVA	On Appl.
	BI-1	Lead-in Bowl Insulator 7" diameter	\$ 30.00
	BI-2	Lead-in Bowl Insulator 5" diameter	\$ 20.00

TRANSMISSION LINE

RCA can provide its own rigid transmission line in 1½, 3½, 6½ and larger sizes, flanged or unflanged. RCA can also provide semi-rigid line as manufactured by Andrew Corp. or Cablewave Systems, Inc., at their current list prices. For details, see RCA Catalogs RA.5011A, RA.5021A, RA.5031A, RA.5041A, or contact your local RCA Representative.





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