



Cetec Broadcast Group is the exclusive marketing entity for all the broadcast products of Jampro, Schafer, and Sparta, and for selected broadcast equipment items made by Cetec Audio and Vega.. The divisions of Cetec Corporation can be contacted directly for technical assistance and other information. For general sales information and the location of the CBG district manager in your area of the U.S., contact Cetec Broadcast Group. For your convenience, all contact information is presented below.

CETEC CORPORATION: 9900 Baldwin Place; El Monte, CA 91731; (213) 442-8840;

CETEC BROADCAST GROUP: 75 Castilian Drive; Goleta, CA 93017; (805) 968-1561;

CETEC AUDIO: 13035 Saticoy Street; North Hollywood, CA 91605; (213) 875-1900.

CETEC JAMPRO: 6939 Power Inn Road; Sacramento, CA 95828; (916) 383-1177.

CETEC SCHAFFER: 75 Castilian Drive; Goleta, CA 93017; (805) 968-0755.

CETEC SPARTA: 5851 Florin-Perkins Road; Sacramento, CA 95828; (916) 383-5353.

MAINTENANCE AGREEMENTS for equipment manufactured by Cetec Corporation broadcast divisions are available in selected areas. Cost to the station is dependent upon equipment to be maintained, distance from the service center, and other considerations. Please contact your CBG district manager for details and quotes.

CETEC CORPORATION is an EQUAL OPPORTUNITY EMPLOYER.



CETEC BROADCAST GROUP

The Broadcast Divisions of Cetec Corporation

EQUIPMENT and SERVICES DOMESTIC PRICE LIST

effective

**OCTOBER 1, 1976 in U.S.A., POSSESSIONS and
TERRITORIES ONLY**



Cetec Audio Broadcast Consoles, Series-10 [10-mixer]

10M	Monaural	5,935.00	10QE	Quadrasonic with equalization	7,365.00
10E	Monaural with equalization	6,265.00	Stereo or Quad Models	Monaural mixdown option	100.00
10S	Stereo	6,485.00			
10SE	Stereo with equalization	6,815.00			

Cetec Sparta Audio Broadcast Equipment

CENTURION SERIES CUSTOM AUDIO CONSOLES

CENTURION I, MONAURAL

2300	8-mixer, rotary attenuators	4,500.00
2305	8-mixer, slide attenuators	4,500.00

CENTURION II, STEREO

2400	8-mixer, rotary attenuators	5,500.00
2405	8-mixer, slide attenuators	5,500.00

CENTURION III, MONAURAL

2500	6-mixer, rotary attenuators	3,000.00
2505	6-mixer, slide attenuators	3,000.00

CENTURION IV, STEREO

2600	6-mixer, rotary attenuators	3,700.00
2605	6-mixer, slide attenuators	3,700.00

CENTURION ADD-ONS AND ACCESSORIES

2320	6-mixer mono Extender, rotary attenuators	2,000.00
2325	6-mixer mono Extender slide attenuators	2,000.00
2340	Mono equalizer module	200.00
2330	Mono plug-in mixer module, slide attenuator	225.00
2355	Mono plug-in mixer module, rotary attenuator	225.00
2420	6-mixer stereo Extender, rotary attenuator	2,600.00
2425	6-mixer stereo Extender, slide attenuator	2,600.00
2440	Stereo equalizer module	300.00
2430	Stereo plug-in mixer module, rotary attenuator	285.00
2435	Stereo plug-in mixer module, slide attenuator	285.00

2450	DC24 digital clock (Models I and II only)	200.00
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2655	Utility stereo VU meter (Model II only), installed	60.00
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3000-SERIES CONSOLES

3310	10-mixer, dual monaural	2,900.00
3410	10-mixer, dual stereo with separate mono	3,900.00

1000-SERIES CONSOLES

MONAURAL MODELS

1015	A1B 5-mixer, standard	725.00
1017	A15B 5-mixer, step attenuators	850.00
1020	A20B 8-mixer, step attenuators	1,700.00
A16R	5-mixer, dual channel, standard rack mount	1,500.00
RA1	Utility Microphone/line amplifier	120.00
RA4	4-channel, AC/battery remote amplifier	325.00

STEREO MODELS

1030	AS30B 5-mixer, standard	950.00
1035	AS30B 5-mixer, step attenuators	1,125.00
1040	AS40B 8-mixer, step attenuators	2,230.00

NOTE: 1000-Series consoles require accessory Monitor Amplifiers for studio use; see MA25, MA25Q, MAS50 and MAS50Q under Audio Accessories, below. 3000-Series and Centurion consoles have built-in monitor amplifiers.

STUDIO/REMOTE AUDIO CONTROL SYSTEMS

MONAURAL MODELS

AC155B	1015 console, GT12/4P turntables	1,700.00
AC155C	1017 console with step attenuators, GT12/SY turntables	1,945.00

STEREO MODELS			SC35C	Shure phono cartridge	26.00
ASC305B	1030 console, GT12/4P turntables	2,025.00	SS35C	Replacement stylus for SC35C	8.60
ASC305C	1035 console with step attenuators, GT12/SY turntables	2,320.00	500E	Stanton phono cartridge, elliptical stylus	17.50
AUDIO ACCESSORIES			5100E	Replacement stylus for 500E	12.00
BL5	Bench/lid combination for AC155 & ASC305 models	150.00	500AL	Stanton phono cartridge	15.00
US5	Utility shelf, top mounting, for AC155 & ASC305 models	100.00	5107AL	Replacement stylus for 500A1	7.20
MIC6	EV635A microphone with gooseneck, for AC155 & ASC305 models	85.00	TEP3M	Mono equalized preamplifier	100.00
1018	Microphone preamp, installed or spare	35.00	TEP3S	Stereo equalized preamplifier	150.00
MA25	25 Watt monaural monitor amplifier	185.00	SHOWCASE STUDIO CABINETRY: SERIES I		
MA25Q	25 Watt monaural monitor amplifier with cue	235.00	8111	Console desk for 1020 or 1040	275.00
MAS50	50 Watt stereo monitor amplifier	250.00	8112	Console hood with cue speaker, 1020 or 1040	125.00
MAS50Q	50 Watt stereo monitor amplifier with cue	300.00	8113	Dual turntable return	300.00
SM3	Muting and relay accessory for MA-series	80.00	8114	Dual utility return	325.00
SP30	3-way 10" speaker system with enclosure	120.00	8115	Console desk for 3310 or 3410	350.00
SP40	3-way 15" speaker system with enclosure	200.00	8116	Tape cartridge storage hutch for 8114	150.00
TURNTABLES AND ACCESSORIES			8117	Single turntable return	200.00
GT12/4P	Custom 12" 2-speed turntable, 4-pole motor	245.00	8118	Rack bracket kit for 8114	10.00
GT12/SY	Custom 12" 2-speed turntable, synchronous motor	285.00	SHOWCASE STUDIO CABINETRY: SERIES II		
GT3-12/SY	Custom 12" 3-speed turntable, synchronous motor	285.00	8201	Console desk for 3000- or Centurion Series	375.00
All Models	230V and 50 Hz options	On Request	8202	Dual turntable cabinet	485.00
ST220	Tone arm, standard, less cartridge	65.00	8203	Dual utility cabinet	340.00
220S	Mono/stereo phono cartridge	20.00	8204	Tape cartridge storage hutch for 8203	240.00
22SN	Replacement stylus for 220S	7.50	8205	Support pedestal for 8201 (not required when 8202 is used)	85.00
AT1005	Tone arm, precision stereo, less cartridge	80.00	SHOWCASE SERIES I GROUPS: USING 1000-SERIES CONSOLES		
			Group A	8-mixer console with monitor amplifier/muting, with following cabinetry: console desk, hood with speaker, dual turntable cabinet factory wired with two GT12/4P turntable systems.	
				Monaural	3,160.00
				Stereo	4,170.00

Group B	All of Group A, plus dual utility cabinet with tape cartridge hutch.		4610	Monaural record/playback system	850.00
		Monaural 3,635.00	4615	Monaural record/playback system with NAB 150 Hz EOM auxiliary cue	920.00
		Stereo 4,645.00			
SHOWCASE SERIES I GROUPS: USING 3000-SERIES CONSOLE					
Group A	10-mixer console with cabinetry including: console desk, dual turntable cabinet factory wired with two GT12/SY turntable systems.		4620	Stereo record/playback system	1,150.00
		Monaural 4,310.00	4625	Stereo record/playback system with NAB 150 Hz EOM auxiliary cue	1,220.00
		Stereo 5,460.00	All Models	230V and 50 Hz options	On Request
Group B	All of Group A, plus dual utility cabinet and tape cartridge hutch.		4810	Single Flip-Top module cover	20.00
		Monaural 4,795.00	4820	Dual-Flip-Top module cover	25.00
		Stereo 5,945.00	4830	Triple Module rack mount housing	85.00
SHOWCASE SERIES II GROUPS: USING 3000-SERIES CONSOLES					
Group A	10-mixer console with cabinetry including: console desk, dual turntable cabinet factory wired with two GT12/SY turntable systems.		4850	Matching blank panel for 4830	15.00
		Monaural 4,640.00	CENTURY II TAPE CARTRIDGE EQUIPMENT		
		Stereo 5,790.00	4010	CENTURY II Monaural Playback	790.00
Group B	All of Group A, plus dual utility cabinet with tape cartridge hutch.		4020	CENTURY II Stereo Playback	890.00
		Monaural 5,220.00	4110	CENTURY II Monaural Record/playback (Single module)	1,300.00
		Stereo 6,370.00	4120	CENTURY II Stereo Record/Playback (Single module)	1,500.00
SHOWCASE SERIES II GROUPS: USING CENTURION I OR II CONSOLES					
Group A	Basic 8-mixer console using cabinetry including: console desk, dual turntable cabinet factory wired with two GT12/SY turntable systems.		4215	Triple rack mount (units supplied without covers)	85.00
		Monaural 6,240.00	All Models	230V and 50 Hz options	On Request
		Stereo 7,390.00	TAPE CARTRIDGES AND ACCESSORIES		
Group B	All of Group A, plus dual utility cabinet with tape cartridge hutch.		CR100	Cartridge rack, wooden, wall-mount, holds 100	90.00
		Monaural 6,820.00	CR120	Cartridge rack, revolving, wooden, holds 120	120.00
		Stereo 7,970.00	TR48	Cartridge rack, revolving, wire, holds 48	38.55
CENTURY SERIES TAPE CARTRIDGE EQUIPMENT					
4510	Monaural playback module	525.00	TR96	Cartridge rack, revolving, wire, holds 96	73.55
4515	Monaural playback module with NAB 150 Hz EOM auxiliary cue	555.00	MR200	Cartridge rack, revolving, mobile wire floor model, holds 200	145.95
4520	Stereo playback module	695.00	CE3	Cartridge and reel tape eraser	75.00
4525	Stereo playback module with NAB 150 Hz EOM auxiliary cue	725.00	AG2	Tape cartridge equipment head alignment gauge	12.50

AL1	Cartridge, head alignment	7.50	0122	Ten minutes-thirty seconds	3.65
CL1	Cartridge, test tape; 1 KHz at standard reference level	5.50	M600	Empty (Sixteen minute capacity)	2.90
CL2	Cartridge, test tape; 1 KHz at -10 dB	5.50	M600	Sixteen minutes	6.90
NAB3	Cartridge, test tape; mono frequency response	18.00	M1200	Empty (Thirty-one minute capacity)	4.50
NAB4	Cartridge, test tape; stereo frequency response	55.00	M1200	Thirty-one minutes	10.75

PREMIUM TAPE CARTRIDGES

0004	Empty	1.85
0004-02	Twenty seconds	2.05
0004-03	Forty seconds	2.15
0004-04	Seventy seconds	2.25
0004-05	One minute-thirty seconds	2.35
0004-06	One minute-forty seconds	2.40
0004-07	Two minutes-thirty seconds	2.50
0004-08	Three minutes - thirty seconds	2.65
0004-09	Five minutes-thirty seconds	3.00
0004-10	Seven minutes-thirty seconds	3.35
0004-11	Eight minutes-thirty seconds	3.50
0004-12	Ten minutes-thirty seconds	3.95

STANDARD TAPE CARTRIDGES

0001	Empty	1.75
0100	Twenty seconds	1.95
0102	Forty Seconds	2.05
0104	Seventy seconds	2.10
0106	One minute-thirty seconds	2.15
0108	One minute-forty seconds	2.20
0110	Two minutes-thirty seconds	2.30
0114	Three minutes-thirty seconds	2.45
0118	Five minutes-thirty seconds	2.75
0025	Seven minutes-thirty seconds	3.10
0022	Eight minutes-thirty seconds	3.30

REFURBISH AND RELOAD YOUR CARTRIDGES

0100R	Twenty seconds	1.15
0102R	Forty seconds	1.20
0104R	Seventy seconds	1.25
0106R	One minute-thirty seconds	1.30
0108R	One minute-forty seconds	1.35
0110R	Two minutes-thirty seconds	1.40
0114R	Three minutes-thirty seconds	1.55
0118R	Five minutes-thirty seconds	1.95
0025R	Seven minutes-thirty seconds	2.25
0022R	Eight minutes-thirty seconds	2.45
M600	Sixteen minutes	4.90
M1200	Thirty-one minutes	7.90

BULK TAPE AND LABELS

0501	Roll (500) Kum-Kleen blank labels	5.50
0600	1,800' reel lubed magnetic tape	4.95
0601	3,600' reel lubed magnetic tape	9.75

SPARTA CORINTHIAN 14" SERIES, REEL/REEL

4911	Monaural full track	1,500.00
4912	Monaural half track	1,500.00
4922	Stereo half track	1,750.00
4924	Stereo quarter track	1,750.00

Corinthian reel/reel reproducers are foil-reversing, 2-speed (3¼ and 7½ ips) machines, ideal for extended music play with automation systems. Tape tension arms are adjustable and air-damped. Level adjustments are on the front panel. Three motors, direct-drive capstan. Hubs are NAB and EIA. Rack space required, 28".

Cetec Vega Wireless Microphone Systems

54	"Performer" hand held microphone/transmitter, unidirectional. Non-rechargeable 625.00 Rechargeable 698.00	58B	"Pro" receiver with internal gel cell rechargeable battery 945.00
77	"Pro" pocket transmitter complete with antenna, battery, audio input plug. Microphone not included. 550.00	63	"Diversity" receiver; two receivers with automatic switch which improves system transmission reliability. Twin 123 dipole antennas, audio cable 1,895.00
109	AKG D-109 lavalier dynamic omnidirectional microphone, for Model 77 transmitter 77.00	4x63	"Diversity System" receiver; four complete Model 63 receivers for four audio channels, complete with battery charger, rechargeable battery, antenna multicoupler, two 123 dipole antennas 7,795.00
112	MICROMIKE miniature omnidirectional electret condenser microphone, for Model 77 104.00	88/89	"Orator" system; complete transmitter/receiver, dynamic lavalier microphone, battery, antenna and audio cable 700.00
113	AKG CE10 miniature omnidirectional electret condenser microphone, for Model 77 104.00	NOTE: Model 88/89 "Orator" frequencies 154.600 or 151.955 MHz. Professional series models normal 150 to 174 MHz. Special charge for other frequencies. On Request	
57	"Traveler" portable receiver, battery operated only, complete with batteries, two antennas, coax connector and audio cable 690.00	AUDIO HANDLING products from most of the industry's leading makers are also available through CBG. Audio processing equipment, phonograph pickup cartridges and styli, microphones and stands, speaker systems and a host of items to complete your station's studio, production room and remote requirements can all be supplied through your CBG district manager.	
58	"Pro" receiver, AC power or rechargeable battery (specify), complete with audio cable, whip antenna 840.00		

Cetec Schafer Automation Systems

Cetec Schafer Automation has installed hundreds of broadcast automations systems around the world, each designed to meet the format needs of its user.

All Cetec Broadcast Group district managers are trained to help you select the best system for your programming needs. Below is pricing information on popular SAMPLE systems. Your programming and operational requirements may need additional equipment.

Equipment quoted below is all STEREO.

I. MODEL 903E EXTENDED MEMORY SYSTEM [SAMPLE]

(A) (1)	Schafer 903E 8,000-Event Automation Control with sub-routine capability, multi-day programming storage, exclusive two-file memory including provision for network joining, automatic spot scheduling by time, full remotable manual control for studio operation, memory lock, alarm systems for unattended operation, and shelf unit for console	15,900.00
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(B) (4)	ITC Model 750 reel/reel decks with exclusive Schafer closed loop control, including 25 Hz sensing plus all logic controls	5,980.00
(C) (1)	Time Announce Unit to automatically announce time, including two ITC "C" size cart playbacks	2,695.00
(D) (2)	Schafer Audiofiles; 48-tray Random Select multi-cart playback machines with exclusive closed loop control	11,900.00
(E) (4)	Deluxe Rack Cabinets containing complete system, wired and tested	1,400.00
This SAMPLE 903E STEREO system total		37,875.00

II. MODEL 903 SYSTEM [SAMPLE]

(A) (1)	Schafer 903 Automation Control with sub-routine capability and exclusive two-file memory, including provisions for network joining, and automatic spot scheduling by time	12,950.00
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(B) (4)	Revox A77 Mk IV reel/reel decks with exclusive Schafer closed loop control, including 25 Hz sensing plus all logic controls	5,580.00
(C) (1)	Schafer Audiofile; 48-tray Random Select multi-cart playback machine with exclusive closed loop control	5,950.00
(D) (3)	Deluxe Rack Cabinets containing complete system, wired and tested	1,050.00
	This SAMPLE 903 STEREO system total	25,530.00

III. MODEL 902 SYSTEM [SAMPLE]

(A) (1)	Schafer 902 Automation Control with sub-routine capability and 2,000 commercial event memory; up to seven days advance programming	10,140.00
(B) (4)	ITC Model 750 reel/reel decks with exclusive Schafer closed loop control, including 25 Hz sensing plus all logic controls	5,980.00
(C) (1)	Schafer Audiofile; 48-tray Random Select multi-cart playback machines, with exclusive closed loop control	5,950.00
(D) (3)	Deluxe Rack Cabinets containing complete system, wired and tested	1,050.00
	This SAMPLE 902 STEREO system total	23,120.00

IV. MODEL 902 SYSTEM [SAMPLE]

(A) (1)	Schafer 902 Automation Control with 48-event repetitive format capability	5,490.00
(B) (2)	ITC Model 750 reel/reel decks with exclusive Schafer closed loop control including 25 Hz sensing plus all logic controls	2,990.00
(C) (1)	Schafer Audiofile; 48-tray sequential multi-cart playback machine, with all interfacing including closed loop control	5,950.00
(D) (2)	Deluxe Rack Cabinets containing complete system, wired and tested	700.00
	This SAMPLE 902 STEREO system total	15,130.00

VERIFIED ENGLISH LOGGING [FOR ALL 900-SERIES SYSTEMS]

Schafer's exclusive VEL system, including; time, source, tray, and **complete written description** of every event aired. Record is FCC-acceptable when signed by operator on duty. Includes all encoding and decoding electronics, and appropriate encode terminal and logging printer

NOTE: Cetec Schafer has interfaced all good professional audio equipment into its systems. Ask your district Cetec Broadcast Group manager for individual machine prices and interfacing not noted here.

All complete systems are field installed by Schafer Custom Service Representative.

Cetec Sparta RF Broadcast Equipment

SOLID STATE AM TRANSMITTERS		
SS10A	Solid-state 10 Watt	550.00
SS1000A	Solid-state 1000/500/250 Watts (Any two powers)	9,950.00
SS2500A	Solid-state 2500/1000/500 Watts (Any two powers)	On Request
SS5000A	Solid-state 5000/2500/1000/500/250 Watts (Any two powers)	On Request

AM TRANSMITTERS

701B	1000/500/250 Watts (Any two powers)	9,950.00
703B	2500/1000/500 Watts (Any two powers)	14,250.00
705C	5000/1000/500 Watts (Any two powers)	27,750.00
710C	10,000 Watts	29,750.00
715C	15,000 Watts	32,500.00

725C	25,000 Watts	70,000.00
SOLID STATE FM TRANSMITTERS		
680/1 (SS10F)	10 Watt Transmitter with cabinet	3,000.00
600B(SS250F)	250 Watts	7,150.00
SS500F	500 Watts	On Request

FM TRANSMITTERS

680	Direct FM Exciter, solid state	2,350.00
682	Stereo Generator, solid state	1,350.00
683	SCA Generator, solid state	700.00
601A	1000 Watts	9,500.00
602A	2500 Watts	13,000.00
603	3000 Watts	15,000.00
605B	5000 Watts	19,500.00

610A	10,000 Watts	24,000.00	683	Recommended spare transistor/diode kit	17.00
625A	25,000 Watts	36,000.00	600B (SS250F)	Recommended spare rectifiers	32.00
635	35,000 Watts	42,900.00	600B (SS250F)	100% spare rectifiers	37.00
650 Dual	50,000 Watts	On Request	601A	100% spare rectifier kit	167.00

SPARE PARTS: AM TRANSMITTERS

SS10A	Recommended spare transistor and diodes	62.00
SS1000A	Recommended spare transistors and diodes	386.00
701B	100% rectifier kit	194.00
701B	Recommended spare tube kit	170.00
701B	100% spare tube kit	340.00
703B	Recommended rectifier kit	194.00
703B	100% rectifier kit	428.00
703B	Recommended spare tube kit	380.00
703B	100% spare tube kit	760.00
705C	100% rectifier kit	449.00
705C	Recommended spare tube kit	530.00
705C	100% spare tube kit	1,590.00
710C	Recommended rectifier kit	788.00
710C	Recommended spare tube kit	1,355.00
710C	100% spare tube kit	1,885.00
715C	Recommended rectifier kit	314.00
715C	100% rectifier kit	746.00
715C	Recommended spare tube kit	1,355.00
715C	100% spare tube kit	1,885.00
725C	Recommended rectifier kit	314.00
725C	100% rectifier kit	1,491.00
725C	Recommended spare tube kit	1,355.00
725C	100% spare tube kit	3,770.00

SPARE PARTS: FM TRANSMITTERS

680,680/1 (SS10F)	Recommended spare transistor/diode kit	122.00
682	Recommended spare transistor/diode kit	79.00

683	Recommended spare transistor/diode kit	17.00
600B (SS250F)	Recommended spare rectifiers	32.00
600B (SS250F)	100% spare rectifiers	37.00
601A	100% spare rectifier kit	167.00
602A	100% spare rectifier kit	305.00
601A or 602A	100% spare tube kit	389.00
603	Recommended spare rectifiers	222.00
603	100% spare rectifiers	541.00
605B	Recommended spare rectifiers	222.00
605B	100% spare rectifiers	541.00
603 or 605B	100% spare tube kit	324.00
610A	Recommended spare rectifiers	279.00
610A	100% spare rectifiers	834.00
610A	100% spare tube kit	1,134.00
625A	Recommended spare rectifiers	643.00
625A	100% spare rectifiers	1,319.00
625A	100% spare tube kit	1,209.00
635	Recommended spare rectifiers	560.00
635	100% spare rectifiers	1,554.00
635	100% spare tube kit	1,264.00

REMOTE CONTROL INTERFACE

All Models	Remote Meter panel	395.00
	For Model 701B	250.00
	For Model 703B	275.00
	For Models 705C/710C/715C	125.00
	For Model 600B (SS250F)	175.00
	For Models 601A/602A	125.00
	For Models 610A/625A/635	125.00

ANTENNA COUPLING EQUIPMENT

LTU-IX	One kilowatt	650.00
LTU-1B	One kilowatt	875.00
LTU-5B	Three to five kilowatts	1,155.00

LTU-10B	Ten kilowatts	1,575.00	380B	Phase Sampler; 0.5 to 3.0 Amps	165.00
LTU-25B	Twenty-five to thirty kilowatts	2,380.00			
LC-3	Lighting choke (3 circuit)	133.00			
RMD-1	Remote Metering Diode	35.00			
380	Phase Sampler: 2.0 Amps and higher	165.00			
380A	Phase Sampler: 3.0 Amps and higher	165.00			

NOTE: a wide and complete variety of equipment needed to complete any transmitter installation is available through CBG and its district managers. Rigid line and coax, fittings, monitor equipment for AM, FM and stereo and SCA, tower lighting, STL and wire remote control systems, can be ordered from CBG. The manufacturers of these accessory items are only those known throughout the industry as reputable makers of top-quality equipment. Please ask your CBG district manager for makers, models, and prices.

Cetec Jampro FM Antennas, Services and Options

Parasitic elements for both horizontal and vertical polarization are used. All elements are galvanized and furnished with stainless steel hardware, with complete installation instructions, together with a measured field pattern.

An additional charge is made when towers must be made up for these tests, unless the customer furnishes the tower or pole. Tighter circularities of + 3 dB for towers, and + 2 dB for poles are also available; prices below apply only when towers or poles are on hand for + 4 dB circularities.

ANTENNA TYPE	TOWERS TO 29"	TOWERS 30-126"	POLES TO 24"
Jampro JLCP	2,100.00	2,950.00	1,900.00
Jampro JSCP	2,300.00	3,150.00	2,150.00
Jampro JHCP	2,500.00	3,500.00	2,400.00
Other Makes	On Request	On Request	On Request

MULTI-STATION, CIRCULARLY POLARIZED HIGH POWER: For use by two or more FM stations spread not more than 4 MHz apart

JWCP-1B	1-bay, 0.47 gain, 30 kW	2,750.00
JWCP-2B	2-bay, 1.0 gain, 40 kW	5,000.00
JWCP-3B	3-bay, 1.6 gain, 50 kW	7,100.00
JWCP-4B	4-bay, 2.1 gain, 60 kW	9,600.00
JWCP-5B	5-bay, 2.7 gain, 80 kW	12,750.00
JWCP-6B	6-bay, 3.3 gain, 80 kW	14,450.00
JWCP-7B	7-bay, 3.9 gain, 80 kW	17,000.00
JWCP-8B	8-bay, 4.5 gain, 80 kW	18,550.00
JWCP-10B	10-bay, 5.7 gain, 80 kW	22,650.00
JWCP-1SB	1-bay standby antenna pole, mounted, 40 kW, 6 1/8" brass pipe and input	3,000.00
JWCP	Deicers, complete kit, per bay	340.00
JWCP	Deicer control, per antenna	395.00

JWCP	Taper adapters, 6 1/8" to 3 1/8" inputs	340.00
JWCP	Radomes, per bay	750.00
JWCP	First null fill, any percentage, each complete antenna	500.00
JWCP	Beam tilt, any amount, each complete antenna	500.00
JWCP	Both null fill and beam tilt, each complete antenna	750.00
JWCP	Other than 50/50 horizontal-to-vertical power ratios, per bay	100.00

NOTE: the JWCP FM antenna series is similar to the high-power JHCP "Brute" model, but recommended for use by several stations due to its wideband design.

CIRCULARLY POLARIZED HIGH POWER "BRUTE" SERIES

JHCP-1B	1-bay, 0.47 gain, 20 kW	2,250.00
JHCP-2B	2-bay, 1.0 gain, 40 kW	4,500.00
JHCP-3B	3-bay, 1.6 gain, 60 kW	6,700.00
JHCP-4B	4-bay, 2.1 gain, 60 kW	9,300.00
JHCP-5B	5-bay, 2.7 gain, 60 kW	11,250.00
JHCP-6B	6-bay, 3.3 gain, 60 kW	13,350.00
JHCP-7B	7-bay, 3.9 gain, 60 kW	15,550.00
JHCP-8B	8-bay, 4.5 gain, 60 kW	17,200.00
JHCP-10B	10-bay, 5.7 gain, 60 kW	21,500.00
JHCP-1SB	1-bay standby antenna, pole mounted, 25 kW, 4" brass pipe and 3 1/8" input	2,600.00
JHCP	Deicers, complete kit, per bay	340.00
JHCP	Deicer control, per antenna	395.00

JHCP Taper adaptors, 6 1/8" to 3 1/8" inputs 340.00

JHCP Radomes, per bay 750.00

NOTE: JHCP and JWCP prices include complete galvanized mounting hardware for leg or face mounting on uniform cross section round-leg towers.

JWCP or JHCP Brackets for tapered, self-supporting towers On Request

JHCP Null fill, beam tilt, and changed horizontal-to-vertical power ratios prices, same as JWCP

MULTI-STATION FM ANTENNAS

JSD3P 3-bay, 1.50 gain, 90 kW 17,000.00

JSD4P 3-bay, 1.50 gain, 120 kW 22,000.00

JSD3P 4-bay, 2.10 gain, 120 kW 21,000.00

JSD4P 4-bay, 2.10 gain, 160 kW 26,000.00

JSD3P 5-bay, 2.70 gain, 150 kW 25,000.00

JSD4P 5-bay, 2.70 gain, 200 kW 33,000.00

JSD3P 6-bay, 3.20 gain, 180 kW 30,000.00

JSD4P 6-bay, 3.20 gain, 240 kW 40,000.00

JSD3P 7-bay, 3.80 gain, 210 kW 35,000.00

JSD4P 7-bay, 3.80 gain, 280 kW 46,000.00

JSD3P 8-bay, 4.52 gain, 240 kW 40,000.00

JSD4P 8-bay, 4.52 gain, 320 kW 53,000.00

JSD3P 9-bay, 5.12 gain, 270 kW 45,000.00

JSD4P 9-bay, 5.12 gain, 360 kW 59,000.00

JSD3P 10-bay, 5.75 gain, 300 kW 50,000.00

JSD4P 10-bay, 5.75 gain, 360 kW 66,000.00

JSD3P 11-bay, 6.30 gain, 330 kW 54,000.00

JSD4P 11-bay, 6.30 gain, 360 kW 73,000.00

JSD3P 12-bay, 6.85 gain, 360 kW 59,000.00

JSD4P 12-bay, 6.85 gain, 360 kW 79,000.00

JSD3P or 4P Deicers, per panel 225.00

JSD3P or 4P Radomes, per panel 600.00

JSDP Null fill, beam tilt, and changed horizontal-to-vertical power ratios prices, same as JWCP

CIRCULARLY POLARIZED HIGH POWER "PENETRATOR" SERIES, 3 1/8" LINE

JSCP-1 1-bay, 0.47 gain, 10 kW 1,775.00

JSCP-2 2-bay, 1.0 gain, 20 kW 2,725.00

JSCP-3 3-bay, 1.5 gain, 30 kW 4,000.00

JSCP-4 4-bay, 2.1 gain, 40 kW 5,335.00

JSCP-5 5-bay, 2.7 gain, 40 kW 6,675.00

JSCP-6 6-bay, 3.2 gain, 40 kW 8,050.00

JSCP-7 7-bay, 3.8 gain, 40 kW 9,350.00

JSCP-8 8-bay, 4.3 gain, 40 kW 10,500.00

JSCP-10 10-bay, 5.5 gain, 40 kW 12,900.00

JSCP-12 12-bay, 6.6 gain, 40 kW 15,100.00

JSCP Deicers, per bay 275.00

JSCP Radomes, per bay 450.00

NOTE: above prices include complete galvanized mounting hardware for round-leg leg mounting on uniform cross section towers.

JSCP Brackets for face or leg mounting, tapered towers, per bay 75.00

JSCP Coax reducer; 3 1/8" to 1 5/8" 105.00

JSCP Deicer control 395.00

JSCP Automatic ice sensing control 1,750.00

JSCP Single-step deicer control 145.00

JSCP-1 Add elbow (input is 1 5/8" EIA at bay 1) 80.00

JSCP Null fill, beam tilt, and changed horizontal-to-vertical power ratios prices, same as JWCP

ELLIPTICALLY POLARIZED MODERATE POWER "PERFORMER" SERIES, 1 5/8" LINE

JLCP-1 1-bay, 0.47 gain, 3 kW 1,000.00

JLCP-2 2-bay, 0.95 gain, 5 kW 2,000.00

JLCP-3 3-bay, 1.50 gain, 6 kW 2,500.00

JLCP-4 4-bay, 2.05 gain, 8 kW 3,000.00

JLCP-5 5-bay, 2.60 gain, 10 kW 4,000.00

JLCP-6 6-bay, 3.15 gain, 10 kW 6,000.00

JLCP-7 7-bay, 3.65 gain, 10 kW 7,000.00

JLCP-8 8-bay, 4.20 gain, 10 kW 8,000.00

JLCP-10 10-bay, 5.40 gain, 10 kW 9,500.00

JLCP-12 12-bay, 6.50 gain, 10 kW 11,000.00

JLCP Deicers, per bay 235.00

JLCP	Single-step deicer control, 1-3 bays only	145.00
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JLCP	Deicer automatic control, any number bays	385.00
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NOTE: prices above include complete mounting hardware for leg mounting on guyed towers only. Other prices; On Request

JLCP	Null fill, beam tilt, and changed horizontal-to- vertical power ratios prices, same as	JWCP
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FM DIPLEXERS [MULTIPLEXERS]

JFMND-100	One-hundred kilowatts	23,500.00
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JFMND-80	Eighty kilowatts	21,200.00
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JFMND-50A	Fifty kilowatts	18,850.00
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JFMND-30	Thirty kilowatts	17,100.00
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JFMND-20	Twenty kilowatts	15,300.00
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COMBINERS: 3 dB TRANSMITTER COUPLERS

JDDC-618FM	50 kW coupler (two 25 kW transmitters): 10" body, 3 1/8" ports, 6 1/8" output	4,650.00
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JDDC-318FM	40 kW coupler (two 20 kW transmitters): 6" body, 3 1/8" ports	3,250.00
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JDDC-318FM	25 kW coupler (two 10 or 12.5 kW transmitters): 3 1/8" output	2,550.00
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JDDC-078FM	10 kW coupler (two 5 kW transmitters): 3 1/8" body, 7/8" ports, 1 5/8" output	2,100.00
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HARMONIC FILTERS

JF-1-FM	1.8 kW, 1 5/8" input & output EIA flanges	550.00
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JF-5-FM	7.5 kW, 1 5/8" input & output EIA flanges	650.00
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JF-10FM	12.0 kW, 3 1/8" input & output EIA flanges	1,000.00
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JF-25-FM	25.0 kW, 3 1/8" input & output EIA flanges	1,420.00
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JF-50-FM	50.0 kW, 6 1/8" input & output EIA flanges	1,650.00
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POWER SPLITTERS

PS-158	50/50 split, 1 5/8" output	700.00
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PS-318	50/50 split, 3 1/8" output	950.00
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PS-618	50/50 split, 6 1/8" output	1,880.00
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PS-2618	50/50 split, 6 1/8" in, 3 1/8" output	1,650.00
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NOTE: for power ratios other than 50/50 add 20% to list prices above. For ADJUSTABLE POWER SPLITTERS add 100% to list prices.

ISOCOUPERS

JIC-158	Up to 7.5 kW, 50 ohms, 1 5/8" in- & output	850.00
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JIC-318	7.5 to 25.0 kW, 50 ohms, 3 1/8" in- & out	1,325.00
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NOTE: isolates FM transmission line across AM tower base insulator. Power rating is FM; AM power may be up to 50 kW with quarter-wave towers.

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