



# *TV Communications*

The Professional Journal of Cable Television

Special  
Edition

## NCTA CONVENTION PHOTOS



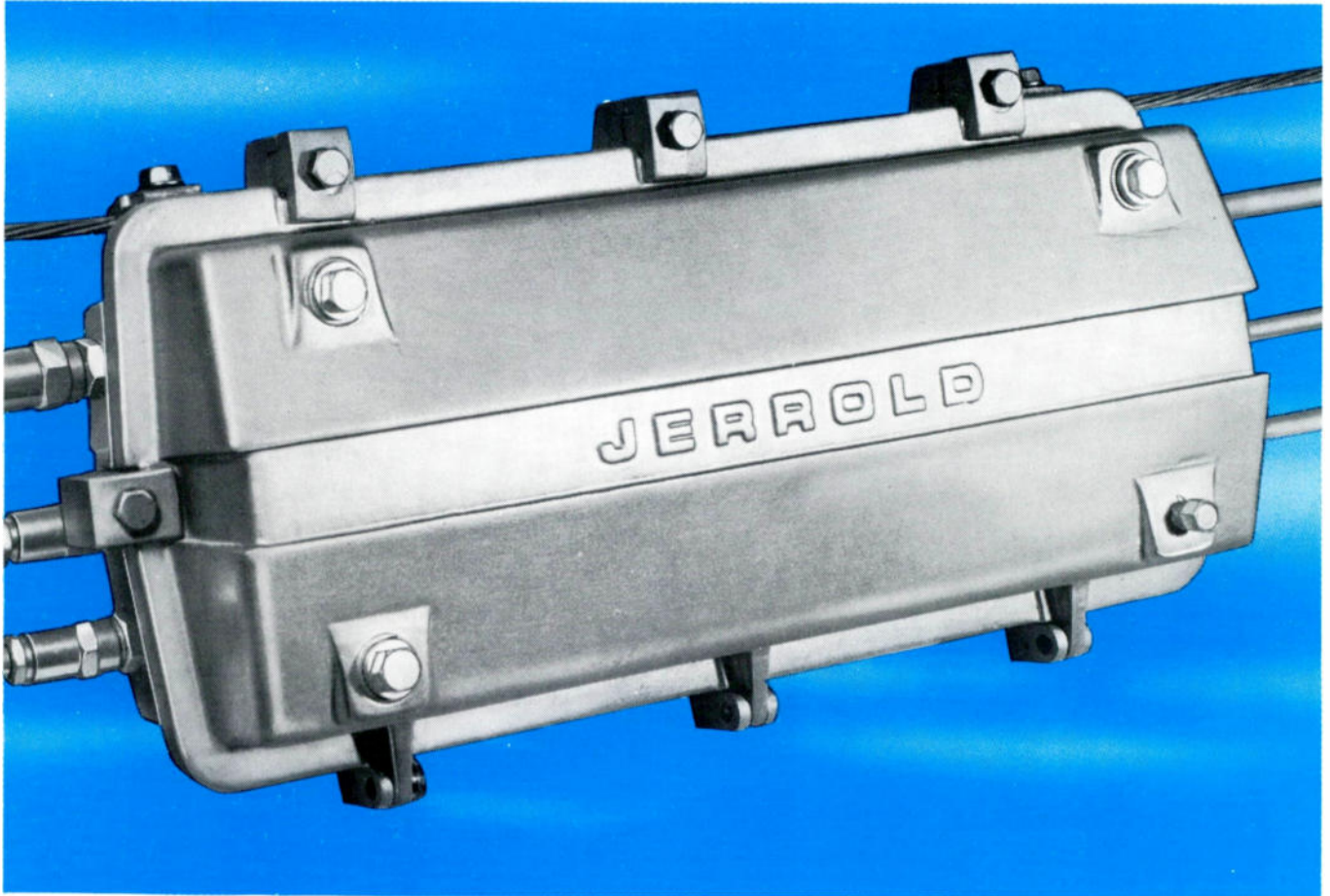
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# Twenty



The greatest dollar-for-dollar value ever offered to operators interested in a distribution system for strictly 12-channel operation.

Starline Twenty, installed as a 12-channel distribution system, provides more cascade-ability, better all-around performance, greater flexibility in system layout, more rugged construction and larger economies in operation and maintenance than any other 12-channel distribution system in the industry. What's more, Starline Twenty includes a line-up of mechanical and electronic design features unmatched by any other

line of distribution system equipment.

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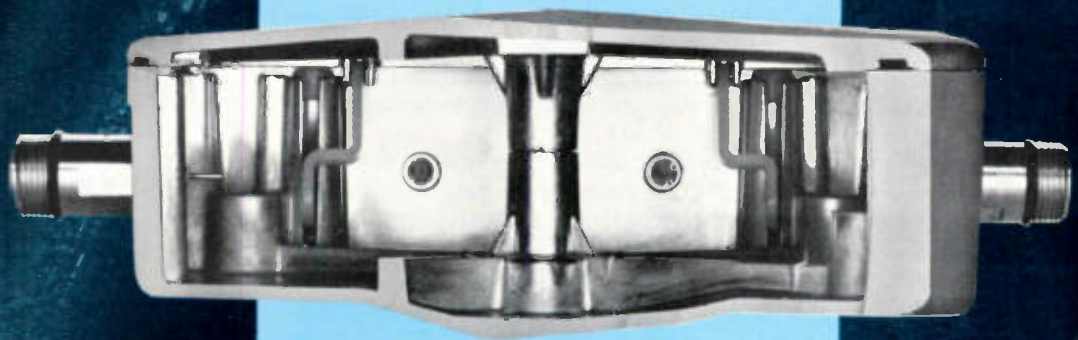
Get complete information about Starline Twenty, the new standard in CATV distribution systems. Write CATV Systems Division, Jerrold Electronics, 401 Walnut Street, Philadelphia, Pennsylvania 19105 or phone 215-925-9870.

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## improved performance

A few turns of a single bolt makes your amplifier leak-proof; saves valuable installation and maintenance time. **One** bolt? Leakproof? Absolutely; here's how ANACONDA ASTRODATA's progress works for you. Take a look at the sectional profile of the amplifier. The single bolt is placed centrally through the pre-stressed, cupped lid. This bolt seats with a few twists, pulling the lid inwards. A tubular, silicone O-ring in a square recessed groove round the amplifier perimeter becomes compressed. The air in the O-ring squeezes the silicone into every corner of the chamber forming a weather-proof seal resistant to better than 15 p.s.i.

Radiation? That's taken care of by a couple more twists to seat the interior edge of the lid on to the base. This metal-to-metal contact is a positive R.F. seal. If you could look inside you'd see the top and base bolt housings fit perfectly, ensuring correct pressure without special tools.

The bonus? You bought the amplifier for its performance; we figure the single-bolt simplicity makes life easy. And in CATV, that's an unexpected bonus!



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# TV Communications

The Professional Journal of Cable Television

## SPECIAL EDITION NCTA CONVENTION PHOTOS

### Foreword

The 1967 NCTA Convention was more serious in tone than those of recent years, a fact reflected by the comparatively small turnout of wives and children. But, as in previous years, the Convention was also the occasion of many lighter moments: renewing acquaintances, meeting new faces, buttonholing factory reps on equipment problems, good meals and conversation, and some top entertainment thrown in for good measure.

In this year's *Convention Photo Edition*, coverage of both the business and social sides of the NCTA show are mixed in a picture record as complete and as comprehensive as our camera crew's endurance would allow. The publishers and staff of *TV Communications* therefore take great pleasure in publishing this second annual *NCTA Convention Photo Edition*.

### Our Cover

Reflecting the varying and colorful activities at this year's NCTA Convention, our *Photo Edition* cover features: (upper left) CATV'ers enjoying the "Roaring Twenties" atmosphere of Jerrold's hospitality suite; (upper right) new NCTA National Chairman Jack Crosby and his wife posing after Wednesday night's banquet with featured entertainer Morey Amsterdam; (lower left) Phil Hamlin, Joe Groth, and Garth Pither discussing equipment on the exhibit floor; and (lower right) official opening of the Convention and exhibit halls, with Carolyn Denton (Miss Oklahoma) being assisted by NCTA Associate Members' representative John Campbell (left), then National Chairman Al Stern, and Convention Chairman Bob Regan.

### Extra Copies

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Somebody had to make a strong, completely weather-resistant, trouble-free, dependable unit with quick and easy installation that exceeds your cable return loss. Craftsman did it!

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Seated at the head table during Monday's luncheon address given by Torbert Macdonald are Harry Butcher, John Gwinn, Jack Crosby, and Bill Hargin.



Conventioneers chat during the formal opening of the exhibit halls on Sunday afternoon.



CATV's and manufacturers enjoy evening relaxation at one of the more than twenty hospitality suites in use at the Palmer House.



Enjoying themselves at the ladies' tea are Mildred Strebin, Mrs. Bud Nelson, and Mary Falconio.



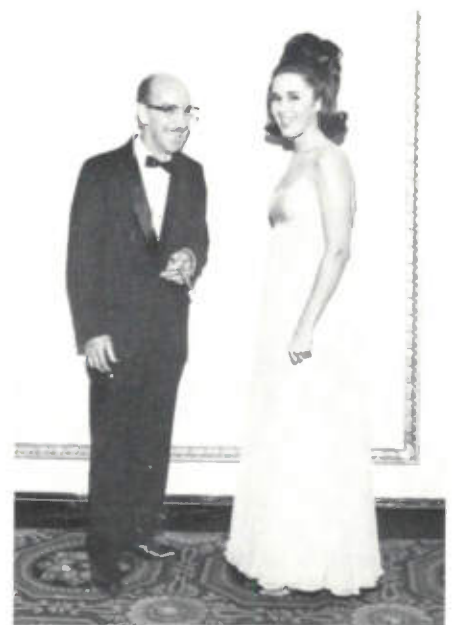
Outstanding exhibits were well attended by conventioneers this year. Twenty channel systems were one of the top attractions.



Al Stern, then national chairman of the NCTA gives the chairman's annual report to Association membership on Monday morning.



Ben Conroy Jr. and John Mankin Sr., both from the Lone Star state discuss convention events.



Al Ricci, banquet master of ceremonies poses with Miss Oklahoma, Carolyn Denton, after the annual NCTA banquet.



At the Associate Members meeting John Campbell was re-elected as the manufacturers' representative on the NCTA Board of Directors.



Much effort went into the NCTA cablecasting productions which included live news, interviews, and replays of convention events.



Jim Palmer, head of C-Cor Electronics and Centre State Video receives an award from Irving Kahn while Fred Ford looks on.



The Jerrold "Roaring Twenties" party was enjoyed by this crowd plus many others who watched on closed circuit TV.



Robert Corazzini (left) and Alan Raywid (right) talk things over between convention events with Washington attorney John Cole.



Marcus Bartlett receives the "Abel" award for the cablecasting achievements of the Cleveland CATV system from Al Ricci at the NCTA banquet.



Gay Kleykamp of Kaiser CATV addresses audience at Wednesday tech session. With him is session moderator Charles Clements of Tele-Vue Systems.



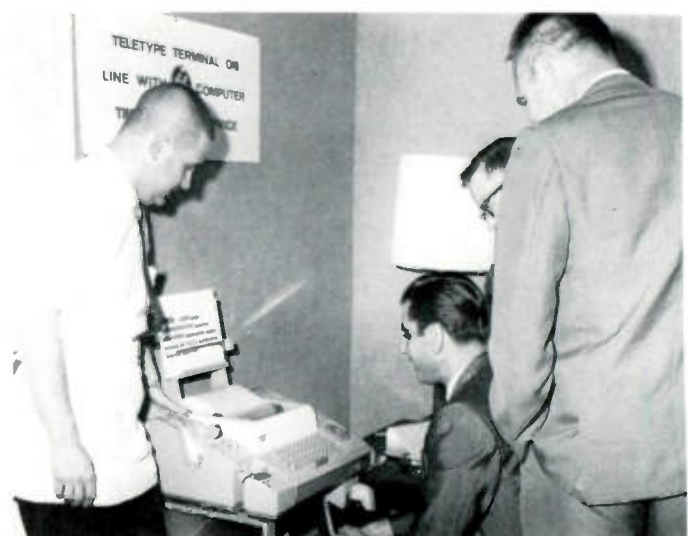
Fred Ford introduces the "Communications Explosion" panel at Monday's session. Seated left to right are Dr. John R. Pierce, James D. O'Connell, Bob Reagan, James McCormack, and Allen E. Puckett.



Paul Johnson (second from left) interviews experts after Communications Explosion panel. With him (l. to r.) are Irving Kahn, James D. O'Connell, James McCormack (gesturing) and Allen Puckett.



Seated at luncheon banquet head table left to right are Buford Saville, Al Ricci, John Morrissey, and Jim Palmer.



Inspecting SKL's GE computer used in system engineering are Don Lemire, Jack Harvey, Jim Duratz, and James Strickler.





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Your customers will appreciate the reliable, clear picture when you use Ameco equipment. Ameco makes equipment to serve your system from your antenna to your customer's smile — reliably!

Solid-state "Channeleer" headend amplifier reduces the off-the-air signal to a snow-free, interference-free RF signal. This modern heterodyne amplifier holds your signal steady with an exceptional Automatic Gain Control circuit.

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# *Jerrold Night . . .*

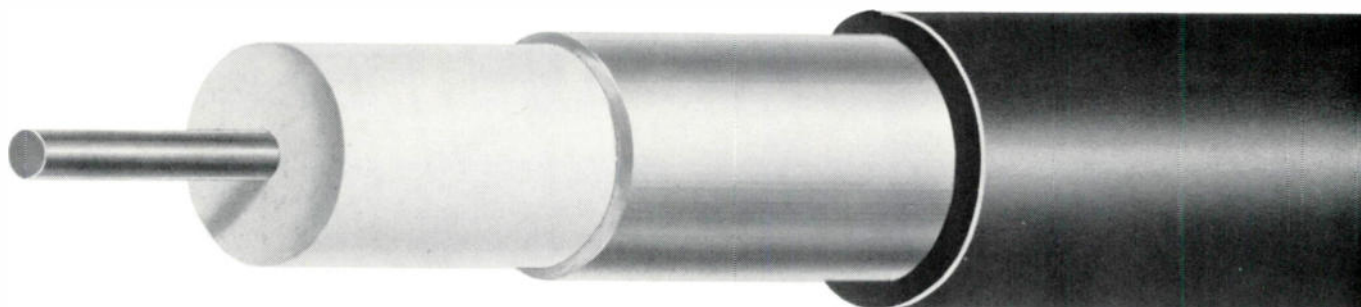


# Superior E-X-T-E-N-D-E-D Spectrum Coaxials go all the way to 300 MHz...and beyond!

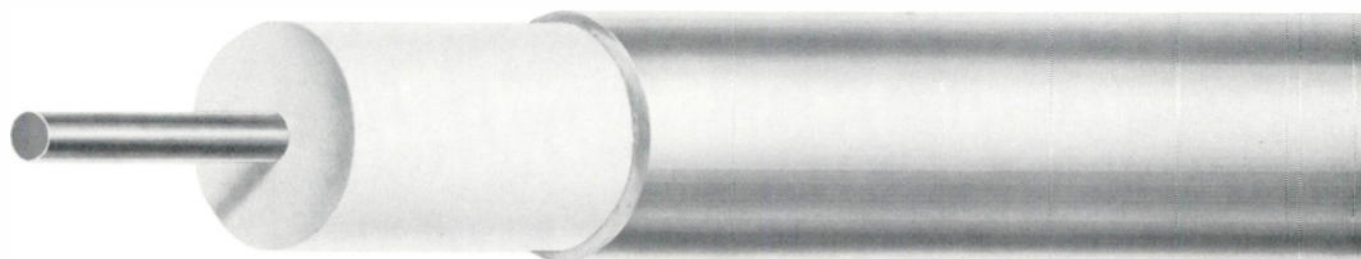
Now... a new 84 MHz segment available!

Controlled impedance uniformity over the extended range provides sufficient band width for up to 14 additional 6 MHz TV channels. You get 26 db minimum return loss (measured at a fixed 75 OHM termination) at any frequency. Both Coppergard and Alumagard feature Cell-O-Air® expanded polyethylene dielectric in aerial types. Coppergard features solid polyethylene dielectric in direct burial construction.

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**Alumagard** (seamless aluminum sheath)



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Superior's Full Spectrum Coaxials — through 219 MHz — are also available  
in both aerial and direct burial types.



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The featured speaker of Monday's luncheon was the Honorable Torbert H. Macdonald.



Richard Moore moderated at Tuesday's management session panel on copyright law.



The Honorable Lee Loevinger of the FCC was featured speaker at Tuesday's luncheon.



Seated at the head table during Monday's luncheon (l. to r.) are Bud Weir, Allen Puckett, and Al Stern.



Shown here are two NCTA Board members, Monroe Rifkin and Claude Stevanus. Also shown is Warren Fribley, past Board member.



Shown here are NCTA President Fred Ford, James O'Connell, advisor to the President, Jack Crosby, NCTA Chairman, and Harry Butcher.



Left to right are Al Malin, Bob Beisswenger, Dr. John R. Pierce and Marcus Bartlett.

# EASY TO USE

## CATV SYSTEM ANALYZER



# CONSISTENT MEASUREMENTS

ANACONDA ASTRODATA's Model 990 CATV System Analyzer combines the necessary measurement instruments into ONE compact, portable, solid-state 75 ohm testing facility.

Gives you **consistent** VHF sweep measurements of Insertion Loss — Insertion Gain — Return Loss and Cable Impedance... all with the same instrument. It'll even locate some of your cable problems.

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I. Switzer of MacClean-Hunter Cable TV Ltd. speaking at Monday's technical session.



Presiding at Tuesday's technical session is DeWolf Schatzel of Dallas, Texas.



"TV Signal Propagation" was Tom Smith's topic at Tuesday's technical session.



Conventioners watched live programming and replays of important convention events telecast from this studio. Programming could be seen from hotel rooms and other key places in the Palmer House.



Use of a GE camera, 16mm projector, and six months free film were won by Frank Vielma, Rio Grande TV Cable Co. The drawing was sponsored by TeleMation and Modern TV.



This 20-channel head-end installation was hurriedly installed by Jerrold and used to demonstrate that 20 programs can be telecast simultaneously.



Vern C. Coolidge and W. L. Roberts of Superior Cable pose with Carolyn Denton, Miss Oklahoma of 1967.



Don Stewart, Superior Cable Corp. speaking at Wednesday's first technical session.



"Short Range Trends in Feeder Line Technology" was S. W. Pai's topic.



Brian L. Jones, Fairchild Research and Development Lab. addresses Wed. session.



Bill Daniels, Daniels and Associates is awarded a certificate for an outstanding CATV auto-visual presentation to city councils. Presenting the award is Ben Conroy, previous NCTA National Chairman.



The Ladies' Tea was only one of the several events scheduled for wives of CATV'ers. Pictured are Mrs. Leslie Read, Mrs. Robert Symons, Mrs. H. J. Schlafly, Mrs. Tom Smith and Mrs. Richard Hildreth.



Don Allen, popular comedian-magician, was on hand as Jerrold hospitality suite entertainment.



Irving Kahn presents public relations award to Joe Berry of Iowa Video at Fort Madison, Iowa.



Jack Crosby, the new National Chairman of the NCTA makes inaugural comments to association membership at Wednesday night banquet. More than 800 attended the event this year.



Together after Jerrold night festivities are Stan Searle, TV Communications, Miss Oklahoma, Lee Zennick, Jerrold vice-pres., Bob Beisswenger, president, Mrs. Searle, and Sel Kremer, Jerrold advertising director.



Pictured at the Vikoa booth are Alan Lipp and Ted Baum of Vikoa. With them are Alan Gerry, Liberty Video, and Bob Baum, also of Vikoa.



Al Stern, immediate past NCTA national chairman listens attentively as president Fred Ford gives his luncheon address.



Presiding at the Monday luncheon was Ben Conroy Jr. past NCTA national chairman.



Nancy Harbin, Ruth Pryor, and Marjorie Burger enjoy tea together in the Crystal Room of the Palmer House.





Today's achievements in electronic communications are  
but a prelude to the opportunities of tomorrow.

Now the company that produced Surveyor, the lunar soft-landing spacecraft, the Syncom and Early Bird communications satellites and many other significant "firsts" joins with a renowned leader in closed-circuit and community antenna television for an exciting venture in modern electronic communications.

TelePrompter Corporation and Hughes Aircraft Company have created THETA-COM to search out, develop and determine commercial applications for new products and systems in specialized areas of electronic communications.

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RESEARCH, TESTING  
DEVELOPMENT  
and DISTRIBUTION of  
electronic transmission systems,  
equipment and techniques.



At Tuesday management session is Sel Kremer, Jerrold Corp. advertising and P/R director.



Shown here is Glenn Scallorn of GenCoe speaking on direct sales at Tuesday session.



Sanford Randolph pitches "Cable TV Week" program at Tuesday management session.



Tom Johnson covers the Daniels and Associates approach to direct sales.



Driving home a point on CATV sales is Fred Weber.



Speaking on seasonal and special promotions is Mimi Barash of Barash Advertising.



Posing with Mr. and Mrs. Monte Rifkin is Arthur Baum of Vikoa, Inc. Mr. Rifkin is with Daniels and Associates.



Relaxing in the display area between meetings are Stan Searle, TV Communications, and Jim Ackerman of Economy Finance.



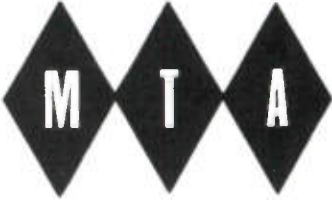
At the Rohn Tower suite are R. A. Kleine, vice-president of Rohn, Dianne Chandler, and Dean Kinkel of Jerrold.




Shown are the NCTA's new national officers: (kneeling) W. Randolph Tucker, *treasurer*: Albert J. Ricci, *secretary*: Frank P. Thompson, *vice-chairman*: and Jack R. Crosby, *national chairman*. New directors (standing) are Claude M. Stevanus, Sam C. Haddock, Ralph N. Demgen, Ward D. Ingrim, Monroe M. Rifkin, and William F. Hemminger.



The Grand Ballroom at the Palmer House was the site of many convention events, including this luncheon.



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## “Milk-Cow” Backmatched Transformers

You save money on equipment and installation! Full CAS “Milk-Cow” line gives you a choice of one, two or four outlets from a single existing pressure tap block *without cutting the transmission cable.*

Cost-saving CAS MC-1 (single outlet), MC-2 (two outlet) and MC-4 (four outlet) backmatched transformers are direct screw-in replacements for isolation units on standard, Jerrold or Entron pressure tap blocks.

**Check these features:**

- Choice of three insert threads — standard, Jerrold or Entron
- Low insertion loss
- 25 db isolation min. between taps
- Backmatched -20 db min. return loss

Isolation values (db) color-coded on bottom plate:

MC-1	12, 16, 20, 25, 30, 35, 40
MC-2	12, 16, 20, 25, 30, 35, 40
MC-4	15, 20, 25, 30, 35, 40

Technical data sheet on request.

<b>ORDER TODAY!</b>	MC-1 \$2.39
(Please specify threading)	MC-2 \$5.45
	MC-4 \$5.95



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214/BL 3-3661



Looking over brochure are Mrs. Ed Cooper, Mrs. R. G. Owens, and Jerry Haisman, all of Cal-Tel. With them is Martin Baedke of Estherville, Iowa.



Decked out for the Pioneer Banquet are Mr. and Mrs. Bill Adler and the Sanford Randolphs.



Swanco Cable Communications personnel collecting product data are Ken Greenwood, Clarke Swanson, Walter Welch, and Henri Bartemes.



Good entertainment and excellent food are characteristic of the yearly banquet provided by Jerrold, as this group would affirm.



Shown at the convention Pioneer banquet are CATV pioneers Ben Conroy, GenCoE, Inc., Charles Clements of Televue Systems, Frank Thompson, American Cablevision, Wendy, Albin Malin, Community TV Corp., the Bill Adlers, Capital Cablevision, the Sanford Randolphs, Clarksburg TV Cable, Mr. and Mrs. Robert Tarlton, Panther Valley CATV, the Stanley Searles, TV Communications, (Searle is originator of the awards), Stratford Smith, Smith and Pepper, Miss Yolanda Barco and George Barco, both of Meadville Master Antenna, Inc., the Albert Riccis, Pioneer Valley Cablevision, Glenn Flinn of TV Cable Service (GenCoE), the Jack Crosbys, GenCoE, Edward Whitney of Entron, the Bruce Merrills, Ameco, and Bill Daniels of Daniels and Associates accompanied by Miss Barbara Hayman.



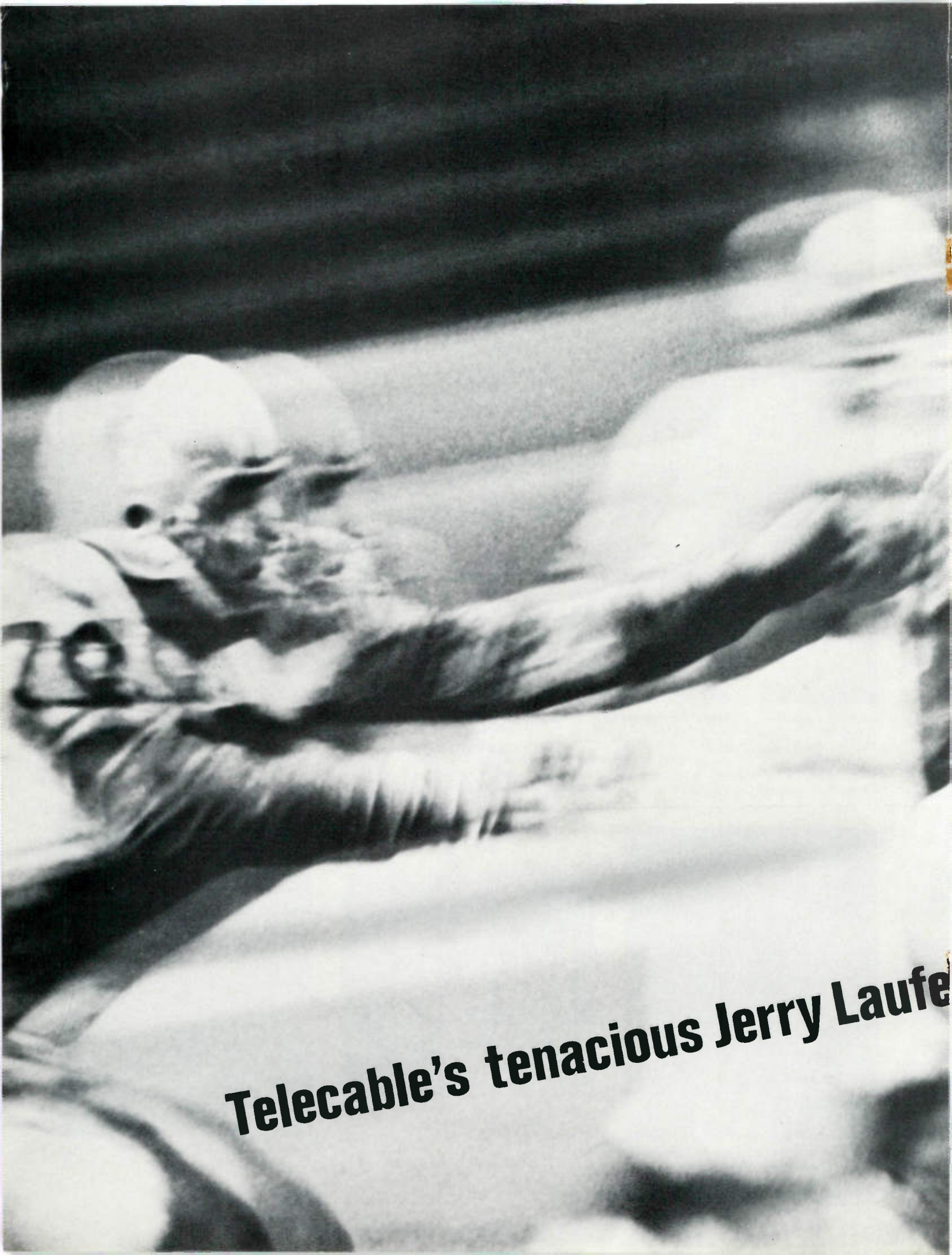
Marguerite Piazza singing at the NCTA banquet Wednesday night.



Excellent food and fine entertainment typified the best convention on record.



The convivial spirit of Wednesday's banquet was enhanced by comedian Morey Amsterdam.



**Telecable's tenacious Jerry Lauffer**

# Seattle CATV is no longer haunted

Last year, there were 12 men in the Notre Dame backfield, and 21 more on the line. Or at least that's how it looked on too many CATV sets in Seattle.

The ghosts were due to strong signal interference picked up from local channels 4, 5, 7, and 9. Telecable's Vice President of Engineering, Jerry Laufer, studied every means and tested every piece of equipment available in a new, \$30,000 test laboratory.

The device that put an immediate end to the haunting images on Telecable's channels was International Telemeter Corporation's Focus 12. The ITC Focus 12 is a 12 channel V to V converter. Its heavy shielding completely eliminates interference caused by direct pick-up in TV receivers. In other words, the Focus 12 unit takes ghosts out of the CATV world, at down to earth prices. The results: 12 crystal clear channels, perfect color reception, and outstanding frequency stability. Even in the shadow of powerful local transmitters.

But why stop with 12 channels. When you're ready to expand, check the ITC Plus 13, a channel expander that adds up to 13 new channels to your system. The Plus 13 is a fully transistorized unit (like Focus 12), and it provides extra heavy shielding to prevent interference on all 13 new channels. Then check the ITC Gamut 25.

A 25 channel converter that completely cleans up the ghosts on your 12 existing channels, and adds 13 new, interference-free channels to your system, right off the bat. Focus 12, Plus 13, Gamut 25. Three beautifully designed, fully transistorized units for perfect CATV reception. Easy to buy, easy to install, impossible to beat. For full specifications on each, write or call us at (213) 478-7751. We'll give you price and delivery information at the same time. ITC eliminated Telecable's ghosts forever. And that's clearly good business.

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FOCUS 12



PLUS 13



GAMUT 25

**THE GHOST BREAKING CHANNEL EXPANDERS FROM**

# ITC

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2000 Stoner Ave., Los Angeles, Calif. 90025  
A Subsidiary of Gulf + Western Industries, Inc.

G+W



George Barco receives the Larry Boggs award from Ben Conroy Jr., last year's recipient of this award.



Receiving pioneer award from publisher Stan Searle is G. P. Henderson. Mr. Henderson is among the seventeen new "oldtimers" added this year.



Among the awards given Wednesday evening was one for outstanding NCTA committee chairman. Receiving this award is Irving Kahn.



"Boo" Betts receives color TV from Sherrill Dunn of Ameco. The set was won by Mrs. Betts in Ameco's "Name-the-Tune" contest.



This GE portable was won by Kelly Robinson, North Palm Beach, Fla. Miss Oklahoma draws the winning entry while Pat Pogue officiates.



Taking it easy are Frank Scarpa and Charles Wigutow of Garden State Cable with Abe Patlove, Vikoa, and John Gault of Continental CATV.



Following time-tested methods, Utility craftsmen build *Quality Certified* towers. Designed to give top performance, engineered for total reliability. And only skilled, veteran crews erect Utility Towers to assure your CATV system maximum stability. Utility does not cut corners in tower fabrication. We are not competing with price. We build and sell towers of quality.

# Our main emphasis is on quality - not price

By choice and through concern for it's product, Utility continues to be the quality leader in CATV tower manufacturing. Call us today. Order from the people who know all about building *Quality Certified* towers for CATV.



*Utility* | *Tower*  
COMPANY



Receiving the award for "Outstanding Contribution to State and Regional Associations" is Walter Kaitz, counsel for the Calif. Association.



Shown here are John Tyler, Helmut Dieter, Mary White, and John Paul Johnson.



TV Communications staffer Jack Jungroth enjoys chat with Jerrold hostess, Miss Illinois.



Receiving a certificate of appreciation for his chairmanship of Cable TV Week from Irving Kahn is Sanford Randolph, of Clarksburg TV Cable.



Bob Regan (right) was this year's convention chairman. He is shown here with panelists John R. Pierce and James D. O'Connell.



Putting the finishing touches on the NCTA display board are Association staffers Sam Street and Jackie Sbordone.

# NOW! FIRST WITH THIN-FILM RELIABILITY in Advanced Design CATV Distribution Equipment

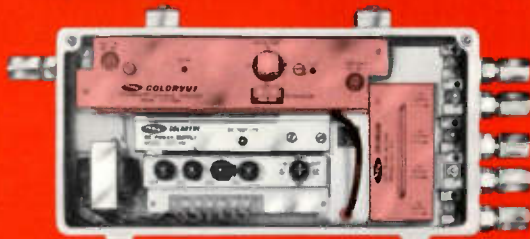
Putting up with low-grade color reception on your CATV system? Too bad . . . when you can guarantee stable, reliable, studio-quality color distribution with **COLORVUE**.

**COLORVUE** has state-of-the-art answers to your problem—solid-state trunk-line, bridging and trunk extender amplifiers with

**COLORVUE** produced switchable hybrid micro-circuit equalizers and attenuators that provide higher conductivity, higher reliability than conventional circuits. With ultra-flat frequency response, high output, high gain and 50 to 270MHz bandwidth\*, you'll deliver true color fidelity across all twelve channels . . . with **COLORVUE**.

## NEW! Model CVT-1RB INTERMEDIATE BRIDGING AMPLIFIER

Providing a high-level output where trunk amplification is not required, the CVT-1RB is utilized as a bridging (39db gain) or line terminating (47db gain) amplifier. Up to four feeder lines may be plugged in.



\*Specifications are for 50 to 220MHz bandwidth

## NEW! Model CT-E TRUNK EXTENDER AMPLIFIER

A high-output repeater type amplifier, the CT-E features the same hybrid micro-circuitry as trunk-line and bridging amplifiers. Variable gain attenuation and tilt equalization. 7.5 db noise, 1.38:1 VSWR and  $\pm 0.5$  response flatness assure clean color signals.

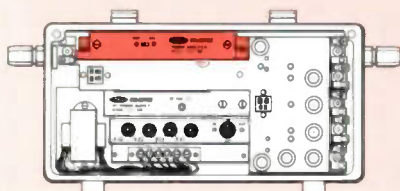


\*Specifications are for 50 to 220MHz bandwidth

## FIRST TRULY MODULAR TRUNK AMPLIFIER

One basic housing and individual plug-in modules make maintenance, replacement and expansion quick, easy and economical. Only two bolts open/close the housing cover, and modules plug-in in

seconds—in the field—without shutting down the system or turning off the power. Cast aluminum housing and closure are radiation and moisture-proof.

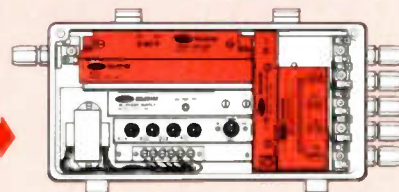
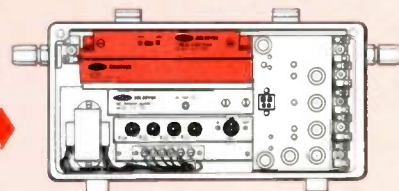


Basic housing with Trunk Amplifier / DC Supply modules

Basic housing with Trunk Amplifier / AGC / DC Supply modules

Basic housing with Trunk Amp / Bridging Amp / Off-Trunk Splitter / DC Supply modules

Basic housing with Trunk Amp / Bridging Amp / AGC / Off-Trunk Splitter / DC Supply modules



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Shows how broadcast signals and CATV antennas work.

Pictures a typical Cable CATV home installation.

Illustrates how a Cable TV Community becomes a Better Community.

Gives disadvantages and dangers of rooftop antennas.

Answers frequently asked questions about Cable TV.

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Oklahoma City, Oklahoma



Shown with Miss Oklahoma, Carolyn Denton, are the convention pages. They are (l. to r.) Steve Filson, Michael Boyer, John Marion, Gary Phillips and Sam Flenar. Page service has been provided for by TV Communications for the last three years.



This panel was included in the cablecasting program of channel 4. Shown are Phil Franklin, Bud Hostetter Jr., John Gwin, Bob Regan, Sam Street, Ralph Demgen and Wally Briscoe.



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At Monday's luncheon were many industry dignitaries on hand to hear the Honorable Torbert Macdonald, chairman of the House Subcommittee on Communications.

★ ★ ★ ★ ★ ★ ★ ★ ★ ★  
It was GREAT...  
★ ★ ★ ★ ★ ★ ★ ★ ★ ★

seeing you and visiting with you at the Chicago Convention. It is GREAT hearing from you now. It will be GREAT to see and talk to you at next year's convention in Boston. We're looking forward to it.

Communication, CATV & Power Line Supplies  
***PRUZAN COMPANY***

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# IN THE EXHIBIT HALLS . . . A BUSY, INFORMATIVE SHOW



Dick Cardin (left) and Abe Reiter are shown in International Telemeter's booth. Displaying for the first time at an NCTA convention, the firm showed its new line of set-top converters.



Entron, along with other mainline CATV manufacturers, set up shop in a big way to attract the interest of the record crowds which moved through the three exhibit halls.



Anaconda Astrodata, showing at its second NCTA convention, featured its line of high level distribution amplifiers and its new CATV test equipment package.



TeleMation president Lyle Keys demonstrates his firm's new video control center. A full line of origination equipment was featured in the firm's exhibit.



Shown at Preformed Line Products booth are Robert Skelton (left) and John Hastings (of C-Cor Electronics).



John Nutting (left) and Lou Mecseri are shown with Sony Corp.'s display featuring video tape equipment.



Shown with Television Presentation's Alphamatic News equipment are (l. to r.) Gordon Hempel, Bill Troy, and Ray R. Roher.



Shown in the Modern TV exhibit are (l. to r.) Gene Dodge, Rosalie Kuwacht, Bill Gallager, and J. D. McPoland. The firm offered free films for CATV originations.



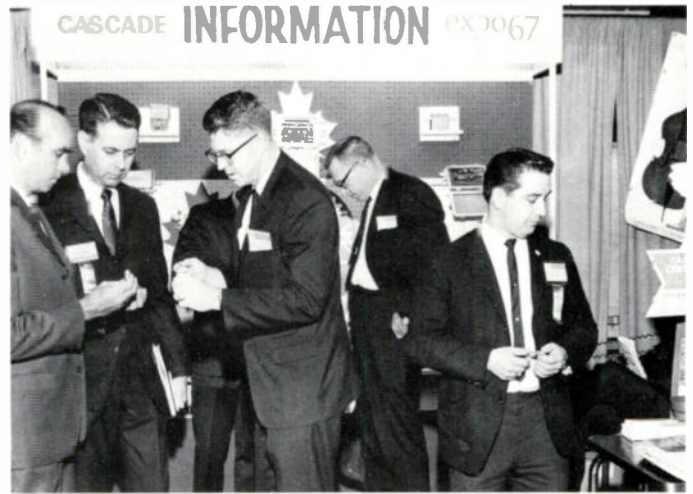
Wayne Wilson (left) TVC advertising manager, visits with Ernest Murillo of Asteroid Corp. at that firm's booth, which displayed automated programming devices.



At the Lindsay Electronics booth, John Thomas (left) discusses his firm's line of CATV antennas and passive devices with Heinz Blum of Entron, Inc.



Showing the Colorvue amplifier series, the American Electronic Labs exhibit draws interest of pioneer CATV manufacturer-operator Milt Shapp (center) who recently re-entered CATV.



Shown at Cascade Electronics' booth are (l. to r.) Pat Pogue and Wayne Wilson (TVC) Victor Tarbutton (Cascade) E. A. Roller, Jr. (Advanced Research Corp.) and Phil Colone (Cascade).



Hewlett-Packard displayed its line of sophisticated test gear, being discussed above by (l. to r.) William Elkin, Albert Sperry, Dick Cochran, and E. A. Roller, Jr.



E. G. Gramman talks with M. K. Widdekind in the Dynair Electronics exhibit. Dynair was one of several firms showing solid-state head-end control units in Chicago.



P. J. O'Conner, Jerry Chesen, and L. J. Tokarczyk are shown at the Advance Industries booth. The firm offers a line of towers, passive reflectors, and equipment buildings.



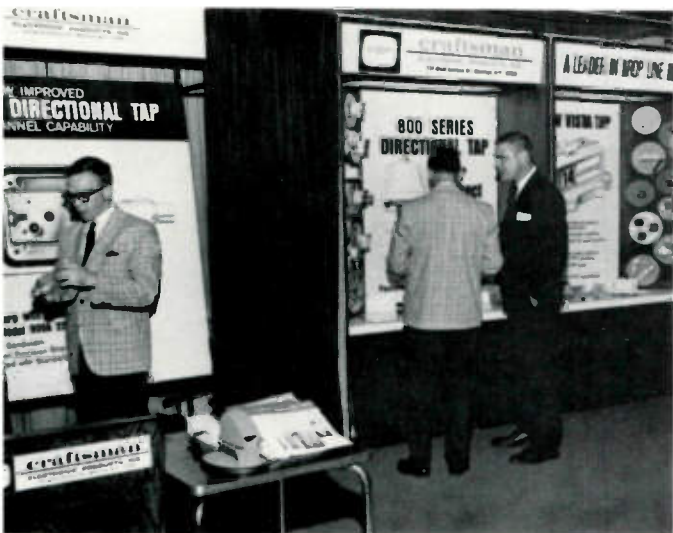
Ameco's spacious exhibit area featured the Pacesetter series amplifier with 20-channel capability, and a new solid-state heterodyne head-end control unit.



Interest in local origination equipment and techniques was high in both the meeting rooms and the exhibit areas, as indicated above by the activity at the R. H. Tyler Co. Booth.



Kaiser CATV Corp.'s display included that firm's complete line of amplifiers, powering and passive devices. Shown above are Richard MacMillan, W. F. Henninger, and Bob Behringer.

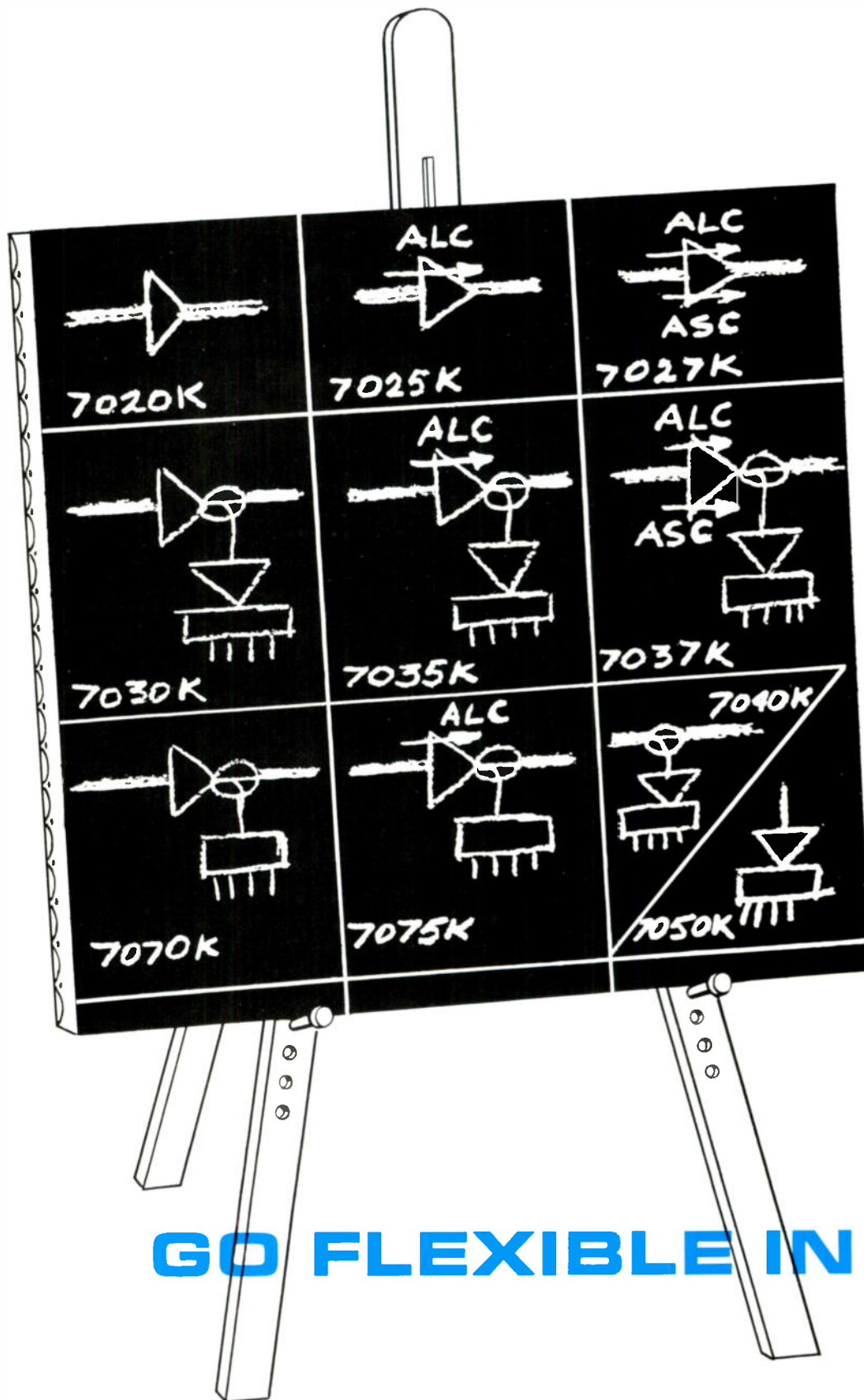


Popularity of directional taps in CATV industry is evident in Craftsman Electronics' exhibit shown above.



Superior Cable's exhibit focused on both cable products and the construction services of the firm's Comm/Scope Division.





**GO FLEXIBLE IN CATV**

**SKL**

**SPENCER-KENNEDY LABORATORIES, INC.**  
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Shown at the TV Communications booth are Mr. and Mrs. Sy Barash of Barash Advertising, and TVC advertising manager Wayne Wilson (center).



Vikoa president Arthur Baum (center foreground) visits with cable operators in his firm's exhibit area. Vikoa displayed a complete line of CATV equipment, from cables to cameras.



Leading the way into 20-channel operation was Jerrold's display which featured a working 20-channel system (with head-end gear located upstairs in hotel). Operators' interest is evident.



Daniels and Associates, CATV brokerage and management firm, featured its promotion services. Shown in the D & A booth are Joe Barry, Mrs. Klara Schwetz, and Frank Scarpa.



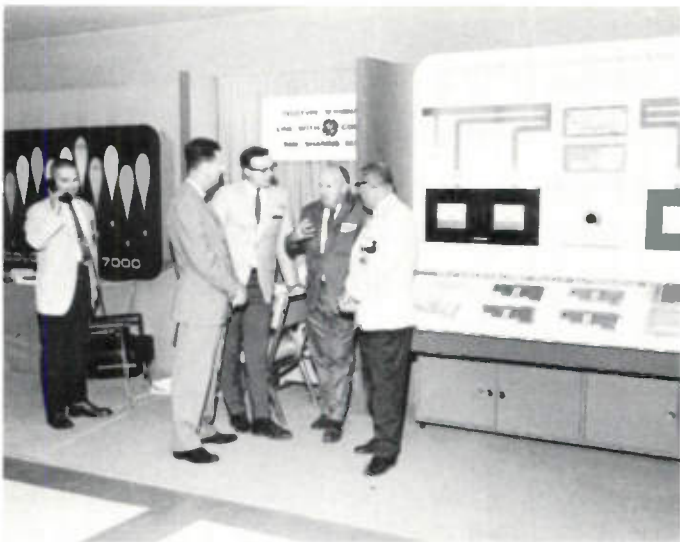
Ampex was among many firms offering cablecasting equipment this year, with low-cost VTR's drawing particular interest.



W. H. Weed, Vaughn Tannehill, and Robert Catellier are shown at the ITT Wire and Cable booth.



Amphenol's booth featured that firm's line of transmission lines, being discussed above by (l. to r.) Ron Arquilla, Jack Aylward, and Frank Apple.

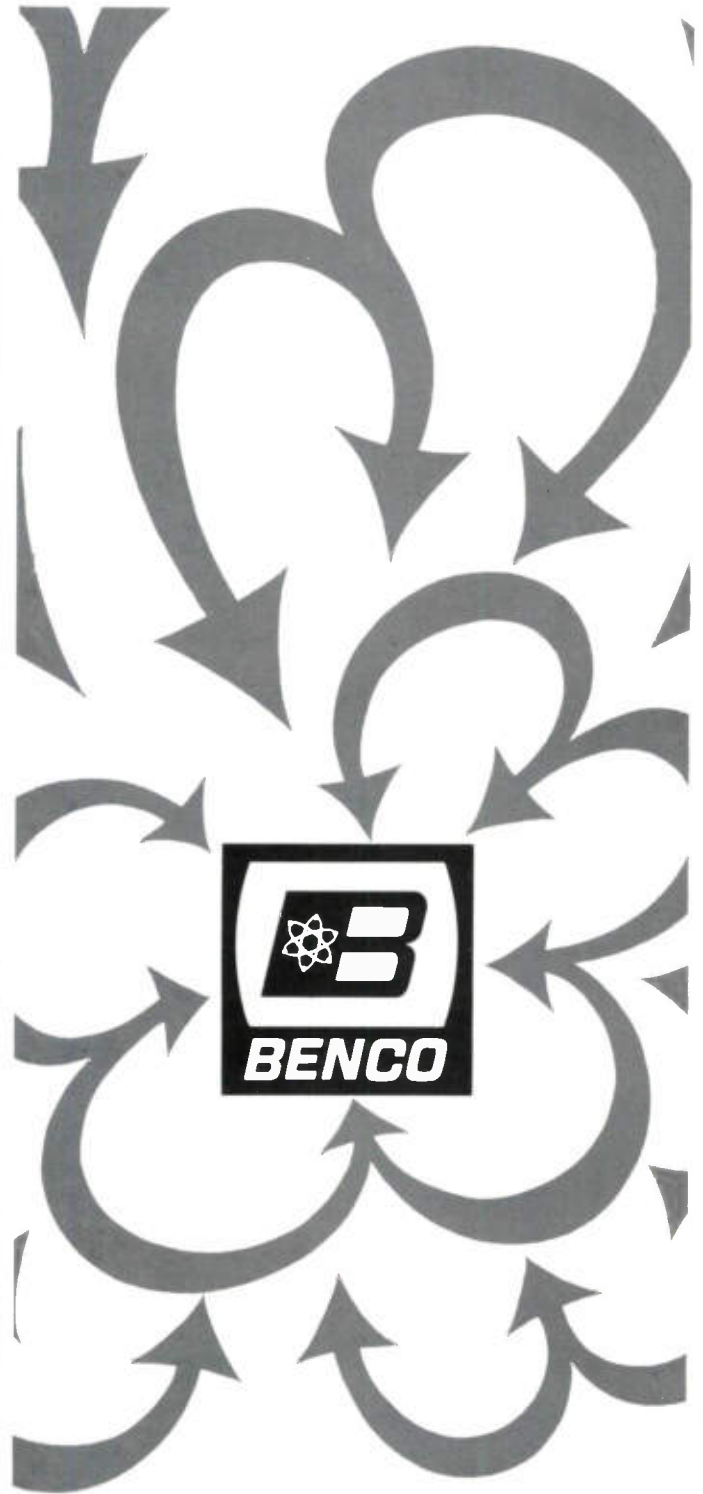





Don Lemire, Carroll Eddins, Carl Friedholm, Richard Cullinane, and William Bryant are shown at Spencer-Kennedy Labs' exhibit, which featured the Colorburst series amplifier.



Gilbert Engineering displayed its line of connectors and fittings. Shown above are Ralph O'Brien and Paul Rhodes.

Convention Photo Edition



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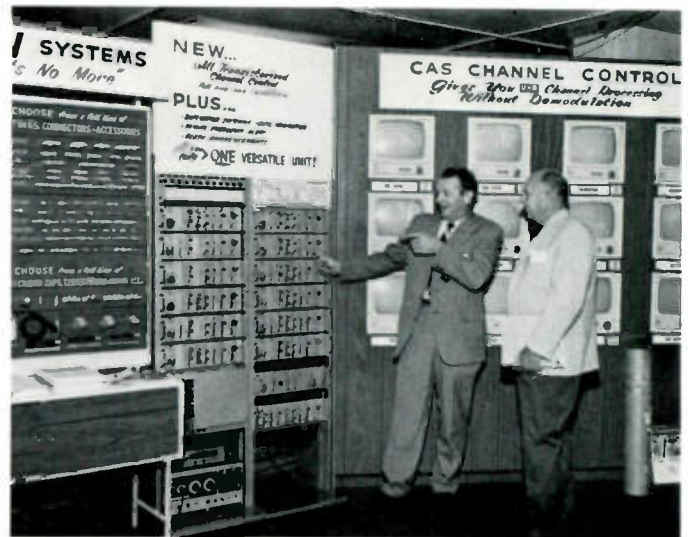
Robert Arbogast, George Dixon, and John Hastings are shown in C-COR Electronics exhibit. The firm showed its Novacor line of amplifiers and passive devices.



AT&T had a booth at the NCTA show for the first time this year, offering lease-back services. Shown above are Fred Ingold of AT&T and Bob Searle, TVC managing editor.



Shown in the Blonder-Tongue booth are (l. to r.) Mary Green, Elmer Fisher, Les Farcy, Wiley Steakley, and Chris Green. B-T showed its full line of CATV components.



CAS Manufacturing displayed its solid-state head-end control unit for the second year, and introduced its space diversity antenna switch. Above, Herb Jackson "sells" Walter Welch.



American Pamcor was on hand again this year, showing their line of connectors and heat-shrinkable splice covers.



Inara Kilnins, Gene Swain and George Acker are shown at the Aberdeen Company's exhibit materials and equipment.

*Foremost In CATV*

# FORT WORTH

## Job-Engineered Towers and Support Equipment



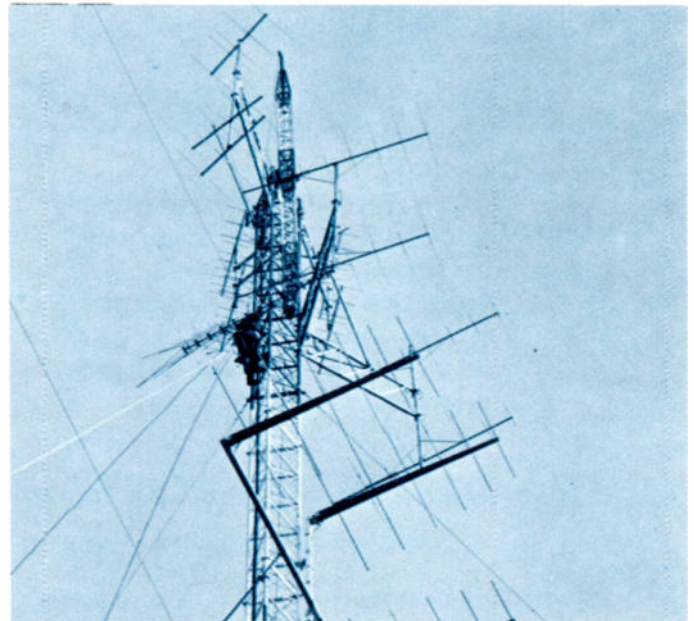
Maurice Townsend, John Cappon, Heinz Peters, and Henry Kalinoski are shown at the Benco exhibit discussing the firm's line of head-end and distribution equipment.



Fort Worth Tower offered tropo-scatter antennas and equipment buildings, as well as towers and microwave reflectors. Shown are Johnny Mankin, Jr. and Walter Welch.

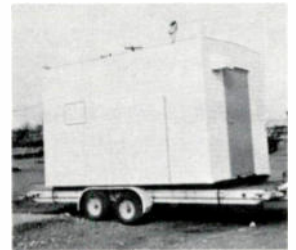


Russ Chapman, Tom Hewlett, and Calvin Glade relax in the Collins Radio Company booth.



Fort Worth's craftsmen have only one standard — to give you the best towers in CATV. This includes not only the tower, but the entire construction project. Twenty years of tower design and manufacturing experience guarantee a completely reliable product.

In addition to job-engineered towers, Fort Worth offers a complete array of support equipment, including head-end buildings, microwave domes, and many other items. You get maximum performance with a perfect match of equipment and accessories.



With this extra quality, Fort Worth CATV towers cost no more than other towers. There's no reason why you should have to pay extravagant prices for tower equipment and construction services. Let us give you our quotation on your tower project. You'll be interested to know how economical good CATV towers can be.



## Fort Worth Tower Co.

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**H&M CONTRACTORS HENKELS & M<sup>C</sup>COY, INC.**



Bill Brazeal and Bob Weir are shown at the Packard Bell exhibit which featured ETV-type origination equipment with applications in CATV programming.



At the Times Wire and Cable exhibit, W. L. McNair and R. W. Burton visit with William Hickey and Emile Hajar. Times showed its line of Alumifoam cables and associated hardware.



Pruzan Company displayed a wide assortment of the materials, tools and equipment which it offers to CATV'ers.



Shown at the Plastoid exhibit are (l. to r.) Dean Haggerty, Milt Weinschel, and Donovan Nelson. Plastoid showed its complete lines of trunk, feeder and drop cables.



Wayne Wilson and Pat Pogue (TVC staff) stop by the Burnup & Sims booth just before exhibits open. The firm offers engineering and construction services for CATV.



J. Teslik and Keenan Watkins discuss Lenkurt's solid-state, long-haul microwave equipment.

Convention Photo Edition

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For 15 years CATV EQUIPMENT COMPANY has been the **experienced** CATV supplier of the West. Always offering a complete variety of equipment for every system requirement . . . specializing in getting orders to you fast.

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## CATV

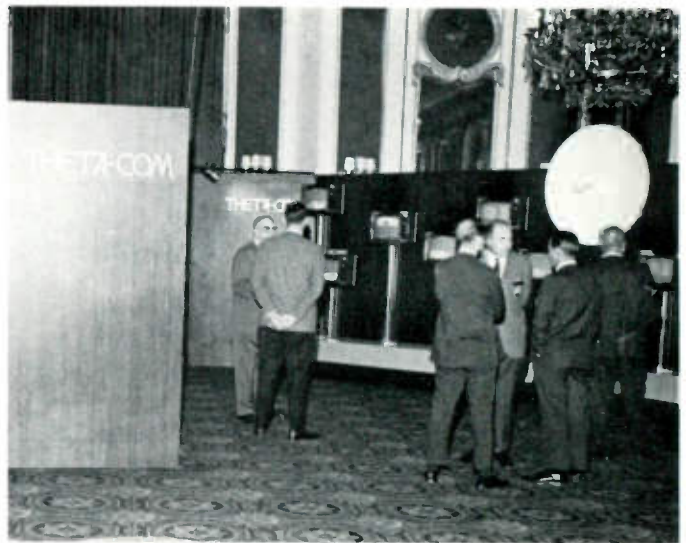
## EQUIPMENT COMPANY

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Seattle, Wash. 98122  
Phone (206) 325-6662  
(24 hr. Ans. Service)

150 Mitchell Blvd.  
San Rafael, Calif. 94903  
Phone (415) 479-5910



Grady Rooker and Dianne Chandler are shown in Rohn's exhibit. The firm offers a line of tower accessories, including lighting systems and microwave reflectors, as well as towers.



Theta-Com's large display featured the firm's AML multi-channel microwave system (which is not yet licensed). Theta-Com is a joint venture of TelePrompTer and Hughes Aircraft.



Sylvania was another of the firms showing cablecasting equipment for the first time this year. Live models added to the already high interest in origination equipment.



Scientific-Atlanta, known for its sophisticated antenna arrays, expanded its CATV product line to include a solid-state head-end control unit this year.



S. L. Smith and Fred W. De Turk are shown at the Phelps Dodge booth which featured Foamflex and Spirafil cables.



Mel Murray, Rog Wise, and Joe Clark are shown with Shibaden's display of cablecasting equipment.





Marvin Caplan (right) visits with TVC managing editor Bob Searle at TV Guide's colorful exhibit.



David J. Anthony is shown with Tape-Athon's background music equipment offered to cable operators.



Charles Bevin and William J. Potts chat in Telesis' booth. The firm offers both equipment and services for CATV.



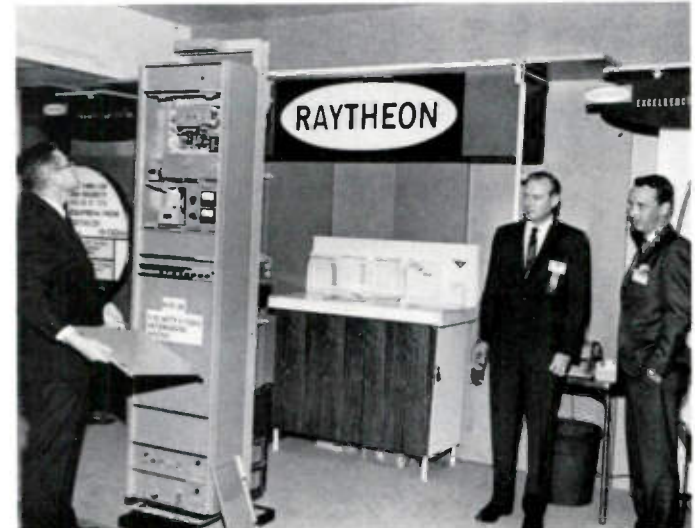
Yane Mortenson, Jack Kay, and Hal Rosenberg are shown at the TransiTube display which, in addition to the firm's line of tubes, showed cablecasting cameras this year.



Owen Hannigan, Bob Lamant, and Al Jenkins at the TV Utilities Corp. booth. The firm showed origination equipment, including viewfinder cameras.



Trans-Lux displayed its stock exchange ticker service which was made available earlier this year.



Raytheon was on hand again this year with their latest line of solid-state microwave gear.



BOSS, WE CERTAINLY NEED THE MATERIAL AND EQUIPMENT I ORDERED 3 WEEKS AGO.



I KNOW, WE ARE LOSING NEW SUBSCRIBERS AND MAKING SOME OLD ONES UNHAPPY.



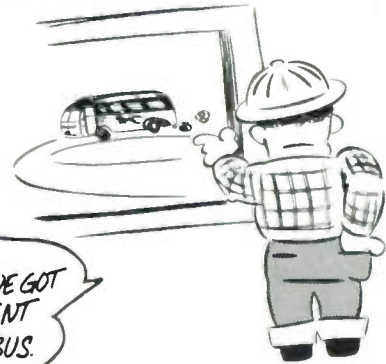
I KEEP SEEING THOSE DAVCO ADS IN TV COMMUNICATIONS. THEIR "ONE SOURCE FOR ALL REQUIREMENTS" INTERESTS ME.



GIVE DAVCO A CALL AND SEE IF THEY HAVE WHAT WE NEED.



GLAD YOU SUGGESTED CALLING DAVCO... PRICES SURE ARE RIGHT!



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Jerrold's new Channel Commander II has everything you would look for in a solid-state single-channel processing unit—and then some. For vivid color, for superb black-and-white TV at every subscriber location, start with Commander II's at your head-end.

This completely modularized head-end unit processes and controls any single VHF input channel (2 through 13) and delivers it either as any standard VHF channel (including the original input channel) or as any special VHF channel required by a 20-channel distribution system. Spurious beats are at least 60 db down. Fast-acting IF AGC is keyed to horizontal sync reference. Oscillators are 100% crystal-controlled. Completely compatible with any CATV system head-

end, Commander II also features modular construction for easy maintenance and all solid-state circuitry for reliable, economical operation.

Commander II's compact modular construction includes five active modules, only one of which (either the input or the output module) needs to be replaced to change functions. The whole unit takes up only  $5\frac{1}{4}$ " of vertical rack space when mounted in a standard 19" rack.

New Commander II's will be rolling off production lines in December. Get your order in now to insure early delivery. Write or call CATV Systems Division, Jerrold Electronics Corporation, 401 Walnut Street, Philadelphia, Pennsylvania 19105. Phone 215-925-9870.

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