Eagle Comtronics Inc., a Trap and Filter Manufacturing Company, with headquarters in Clay, New York continues to rewrite history. As the inventor of the cylindrical trap format, we have successfully designed and supplied product to the Cable Television Industry for better than 20 years. While we strengthen our position as the leaders of quality equipment in all the major cable systems today, we also make it our business to forge ahead discovering additional opportunities that enable us to be at the frontier, producing the industry's new and exciting state-of-the-art products for tomorrow!

Throughout this period, Eagle has been the leader in virtually every segment of the market. Eagle is first in total production, maintains the highest level of state-of-the-art finished inventory, first in "on-time" delivery, boasts numerous patents and has the most experienced sales staff with the ability to assist you in all your trap or filter requirements.

Eagle ETD Decoding Filter, * Patents #4451803, 5202656*

Cable operators continually select Eagle to design and produce equipment to meet their respective needs. One such particular requirement was to design a cost effective positive or decoding filter that would be much smaller in size, preserve the video information, allow wider channel usage and also be able to maintain its performance over a wide temperature range.

With this in mind, Eagle developed and patented the **ETD* Micro Series Decoding Filter.** Eagle's engineers designed this filter to be the most cost effective filter in the Eagle product line and one of the smaller filters, in size, in the industry. The size of the filter allows greater ease of installation into lock boxes and produces far less stress on the mating tap ports for multiple trap applications. The excellent electrical characteristics are bouyed by a new design, with a deeper "notch", narrower "skirts", and bandwidths out to 860 MHz.

More importantly, the **video information of the ETD* filter** had to be preserved, allowing it to be used successfully for many channels, and improved the overall performance of the filter at the lower channels as well.

ETD* Decoding Filter Features:
- Usage in a wide range of frequencies, allows you **More Channel Flexibility.**
- Rated the industry's **best performing filter** in the low, mid and high bands.
- Improved electrical characteristics have produced **much Sharper Pictures.**
- New design implementations have resulted in **less Video Attenuation.**
- Improved **"O" ring and dual port seals provide NEW Patent Pending Moisture and Environmental Stability.**
- **One of the industy's smaller filters, measuring (2.65") in size,** allows ETD more flexibility in tight lock boxes, and less stress on mating ports.
- **Patented Double "D" Anti-rotation and Isolation features.**
- **Cost effective** with performance levels up to and including **860 MHz.**

ETD* MICRO-SERIES Single Channel Decoding Filters
Typical Response

MODEL	CHANNEL		NOTCH DEPTH	VIDEO LOSS***	HIGH FREQUENCY LOSS
*ETD-2	2	2	-80dB	-1.5 dB	-2.5dB @ 800 MHz
ETD-3	3	3	-80dB	-1.7 dB	-2.5dB @ 860 MHz
ETD-4	4	4	-80dB	-1.8 dB	-2.5dB @ 860 MHz
ETD-5	5	5	-80dB	-1.9 dB	-2.5dB @ 860 MHz
ETD-6	6	6	-80dB	-2.0 dB	-2.5dB @ 860 MHz
ETD-A-2	A-2	98	-80dB	-3.0 dB	-2.5dB @ 860 MHz
ETD-A-1	A-1	99	-80dB	-3.0 dB	-2.5dB @ 860 MHz
ETD-A	A	14	-80dB	-3.1 dB	-2.5dB @ 860 MHz
ETD-B	B	15	-80dB	-3.3 dB	-2.5dB @ 860 MHz
ETD-C	C	16	-80dB	-3.4 dB	-2.5dB @ 860 MHz
ETD-D	D	17	-80dB	-3.5 dB	-2.5dB @ 860 MHz
ETD-E	E	18	-80dB	-3.5 dB	-2.5dB @ 860 MHz
ETD-F	F	19	-80dB	-3.6 dB	-2.5dB @ 860 MHz
ETD-G	G	20	-80dB	-3.9 dB	-2.5dB @ 860 MHz
ETD-H	H	21	-80dB	-4.0 dB	-2.5dB @ 860 MHz
ETD-I	I	22	-80dB	-4.2 dB	-2.5dB @ 860 MHz
ETD-7	7	7	-80dB	-4.3 dB	-2.5dB @ 860 MHz
ETD-8	8	8	-80dB	-4.5 dB	-2.5dB @ 860 MHz
ETD-9	9	9	-80dB	-5.0 dB	-2.5dB @ 860 MHz
ETD-10	10	10	-80dB	-5.2 dB	-2.5dB @ 860 MHz
ETD-11	11	11	-80dB	-5.5 dB	-2.5dB @ 860 MHz
ETD-12	12	12	-80dB	-6.0 dB	-2.5dB @ 860 MHz
ETD-13**	13	13	-80dB	-6.4 dB	-2.5dB @ 860 MHz

* Patents #4451803, 5202656   ** Higher channels available upon request.   *** Model 2002 Encoder will add an adjustable pre-emphasis gain of : 3dB at video, 30dB at the jamming carrier and 5dB at audio.

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EAGLE
COMTRONICS INC.

Purchase from: MULTICOM® www.multicominc.com   800-423-2594