



## Micro Series Negative Traps

# ETN\*

**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, most innovative, numerous patents and has the most experienced sales staff with the ability to assist you in all your trap or filter requirements.



Eagle ETN\* NegativeTrap \* 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 blocking or negative trap that would be much smaller in size, have a deeper notch, lesser effect on the lower adjacent audio level, and also be able to maintain its performance over a wide temperature range.

With this in mind, Eagle developed and patented the **EIN\* Micro Series Negative Trap**. Eagle's engineers designed this trap to be the most cost effective trap in the Eagle product line. The size of the trap alone, allows for greater ease of installation into lock boxes and for multiple trap applications. The outstanding electrical characteristics are buoyed by a new design, with much narrower "skirts". This design dramatically improved the performance specifications of this trap to rate it as one of the cable industries premier and truly effective performers in the low, mid and high bands, with excellent operating performance out to 860 MHz.

### **EIN\* Negative Trap Features:**

- Usage in a wide range of frequencies, allows you **More Channel Flexibility**.
- Improved electrical characteristics have **dramatically lowered the high frequency and upper video attenuation**.
- **0.5 amp current capacity**.
- **Patented Double "D" Anti-rotation and Isolation features**.
- Improved **"O" rings and dual port seals provide NEW Patent Pending Moisture and Environmental Stability**.
- **One of the industry's smaller traps, measuring (2.65") in size**, allows more flexibility in tight lock boxes, and less stress on mating ports.
- **Accurately machined threads with sufficient lead-in**.
- **Cost effective** with performance levels up to and including **860 MHz**.

## EIN\* MICRO-SERIES Single Channel Negative Traps

MODEL	CHANNEL	NOTCH-DEPTH	L.A.S.	UPPER VIDEO	HIGH FREQUENCY LOSS
*ETN-2	2 2	-75 dB	-2.0 dB	-0.5 dB	-2.5dB @ 800 MHz
ETN-3	3 3	-75 dB	-2.5 dB	-0.5 dB	-2.5dB @ 860 MHz
ETN-4	4 4	-75 dB	-2.5 dB	-0.5 dB	-2.5dB @ 860 MHz
ETN-5	5 5	-75 dB	-0.5 dB	-1.0 dB	-2.5dB @ 860 MHz
ETN-6	6 6	-75 dB	-3.5 dB	-1.0 dB	-2.5dB @ 860 MHz
ETN-A-2	A-2 98	-75 dB		-1.0 dB	-2.5dB @ 860 MHz
ETN-A-1	A-1 99	-75 dB	-5.5 dB	-1.0 dB	-2.5dB @ 860 MHz
ETN-A	A 14	-75 dB	-5.8 dB	-1.0 dB	-2.5dB @ 860 MHz
ETN-B	B 15	-75 dB	-5.8 dB	-1.0 dB	-2.5dB @ 860 MHz
ETN-C	C 16	-75 dB	-5.8 dB	-1.0 dB	-2.5dB @ 860 MHz
ETN-D	D 17	-75 dB	-6.0 dB	-1.0 dB	-2.5dB @ 860 MHz
ETN-E	E 18	-75 dB	-6.2 dB	-1.2 dB	-2.5dB @ 860 MHz
ETN-F	F 19	-75 dB	-6.5 dB	-1.2 dB	-2.5dB @ 860 MHz
ETN-G	G 20	-75 dB	-6.8 dB	-1.2 dB	-2.5dB @ 860 MHz
ETN-H	H 21	-75 dB	-7.0 dB	-1.2 dB	-2.5dB @ 860 MHz
ETN-I	I 22	-75 dB	-7.2 dB	-1.2 dB	-2.5dB @ 860 MHz
ETN-7	7 7	-75 dB	-7.5 dB	-1.2 dB	-2.5dB @ 860 MHz
ETN-8	8 8	-75 dB	-8.0 dB	-1.2 dB	-2.5dB @ 860 MHz
ETN-9	9 9	-75 dB	-8.2 dB	-1.5 dB	-2.5dB @ 860 MHz
ETN-10	10 10	-75 dB	-9.0 dB	-1.5 dB	-2.5dB @ 860 MHz
ETN-11	11 11	-75 dB	-9.5 dB	-1.5 dB	-2.5dB @ 860 MHz
ETN-12	12 12	-75 dB	-10.0 dB	-1.5 dB	-2.5dB @ 860 MHz
ETN-13	13 13	-75 dB	-10.5 dB	-1.5 dB	-2.5dB @ 860 MHz
ETN-J	J 23	-70 dB	-11.5 dB	-1.5 dB	-2.5dB @ 860 MHz
ETN-K	K 24	-70 dB	-12.5 dB	-1.5 dB	-2.5dB @ 860 MHz
ETN-L	L 25	-70 dB	-13.5 dB	-1.5 dB	-2.5dB @ 860 MHz
ETN-M	M 26	-70 dB	-14.5 dB	-1.5 dB	-2.5dB @ 860 MHz
ETN-N	N 27	-70 dB	-15.0 dB	-1.5 dB	-2.5dB @ 860 MHz
ETN-O	O 28	-70 dB	-15.5 dB	-2.0 dB	-2.5dB @ 860 MHz
ETN-P	P 29	-70 dB	-16.0 dB	-2.0 dB	-2.5dB @ 860 MHz
ETN-Q	Q 30	-70 dB	-16.5 dB	-2.0 dB	-2.5dB @ 860 MHz
ETN-R	R 31	-70 dB	-17.0 dB	-2.0 dB	-2.5dB @ 860 MHz
ETN-S	S 32	-70 dB	-17.5 dB	-2.0 dB	-2.5dB @ 860 MHz
ETN-T	T 33	-70 dB	-18.5 dB	-2.5 dB	-2.5dB @ 860 MHz
ETN-U	U 34	-70 dB	-20.0 dB	-2.5 dB	-2.5dB @ 860 MHz
ETN-V	V 35	-70 dB	-21.5 dB	-2.5 dB	-2.5dB @ 860 MHz
ETN-W**	W 36	-70 dB	-23.0 dB	-2.5 dB	-2.5dB @ 860 MHz



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