Multi-Channel Filters

Multi-Channel filters “traps”, pioneered by Eagle Comtronics have long been a popular and economical means to selectively control, block, or access groups (tiers) of pay television channels. The “trap” filters out selected frequencies, utilizing a passband that allows (or passes) the channels purchased by the subscriber, and a reject band that blocks the channels for subscribers who do not pay for them, No need for expensive headend equipment.

Surface mount manufacturing utilizes high performance inductors and capacitors, with many values developed exclusively for Eagle Comtronics. Coupled with optimized circuits and cavities ensure frequency stability and superior selectivity even in the toughest environments.

MODEL EMLH-XX-XX

Popular for (Data Only) Applications
Measures
1.965”
.820” Diameter

MODEL 6MNF-XX-XX 8MNF-XX-XX 10MNF-XX-XX EZWT-XX-XX

Measures 2.625”
.820” Diameter

MODEL EZDT-XX-XX/XX-XX

The most versatile combo trap available today. As tiering grew in popularity Eagle Comtronics eliminated the need to cascade traps. The EZDT has numerous possibilities for all your dual tiering needs.
Measures 4.1”
.820” Diameter

MODEL EZLH-XX-XX

Advanced circuitry allows Eagle Comtronics to enhance sharpness and increase stop band attenuation while continuing to reduce size and cost.
Measures 1.83”
.5” Diameter
Popular for (Data Only) Applications

Models Include: Dual Tier, Highpass/Tier, Tier/Lowpass

DUAL COLLET MODEL

Eagle offers the option to integrate dual female F connectors to any single channel or tier trap offered. This allows the installer to effectively jumper the filter away from the directional trap.

Specifications:

Connection Type:	“F” (Male/Female) (Dual Female Available)
Rejection:	-50 dB, typ. -45 dB min
Insertion Loss:	-2 dB typ.
Band Edges:	-3 dB to -5 dB
Passbands:	Up to 2GHz (Style/Design Dependent)
Impedance:	75 Ohms

Ordering Information:

XX=CHANNEL

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