

## P.A. SYSTEMS/ALARM SYSTEMS FILTERS

ETS-Lindgren's LTC series of filters are ideal for applications including communication lines entering or leaving shielded rooms, computer rooms, communication.



ETS-Lindgren's LTC series of filters are ideal for applications including communication lines entering or leaving shielded rooms, computer rooms, communication terminal rooms, and Sensitive Compartmental Information Facilities (SCIF).

LTC-X640 filters have multiple circuits to handle 2, 4, 6, 8, 10 or 12 wires, and are designed for stand-alone, individual mounting. These filters may be supplied with an optional threaded conduit pipe for penetration of a shielded enclosure.

### Key Features

- For 2 to 12 Line LTC Filters
- Signal, Sensor & Voice Communication
- Data Communication
- Control Line

### Specifications

## Electrical Specifications

Model	Passband Impedance	Passband Loss	Stopband Insertion Loss	Maximum Current	Maximum Voltage
LTC-X640-8Z	8 (L-L), 4 (L-G)	1.0 dB Maximum; 0 to 4 kHz	100 dB Minimum @14 kHz to 18 GHz	2	30
LTC-X640-16Z	16 (L-L), 4 (L-G)	1.0 dB Maximum; 0 to 4 kHz	100 dB Minimum @ 14 kHz to 18 GHz	1.5	30
LTC- X640-140Z	140 (L-L), 70 (L- G)	1.0 dB Maximum; 0 to 4 kHz	50 dB Minimum @14 kHz to 18 GHz, 100 dB Minimum @ 14 kHz to 18 GHz	0.5	125
LTC- X640-5000Z	5000 (L-L), 2500 (L-G)	1.0 dB Maximum; 0 to 4 kHz	100 dB Minimum @ 14 kHz to 18 GHz	0.025	125

PLEASE NOTE: For Installation on shield, filters can be ordered with penetration kit. Add "/PEN" to model numbers.

## Physical Specifications

Model	Number of Lines	Width
LTC-2640-8Z	2	7.62 cm (3.00 in)
LTC-4640-8Z	4	5.24 cm (6.00 in)
LTC-6640-8Z	6	30.48 cm (12.00 in)
LTC-8640-8Z	8	30.48 cm (12.00 in)
LTC-10640-8Z	10	45.72 cm (18.00 in)
LTC-12640-8Z	12	45.72 cm (18.00 in)
LTC-2640-16Z	2	7.62 cm (3.00 in)
LTC-4640-16Z	4	5.24 cm (6.00 in)
LTC-6640-16Z	6	30.48 cm (12.00 in)
LTC-8640-16Z	8	30.48 cm (12.00 in)
LTC-10640-16Z	10	45.72 cm (18.00 in)
LTC-12640-16Z	12	45.72 cm (18.00 in)
LTC-2640-140Z	2	.62 cm (3.00 in)
LTC-4640-140Z	4	15.24 cm (6.00 in)
LTC-6640-140Z	6	30.48 cm (12.00 in)
LTC-8640-140Z	8	30.48 cm (12.00 in)
LTC-10640-140Z	10	45.72 cm (18.00 in)
LTC-12640-140Z	12	45.72 cm (18.00 in)
LTC-2640-5000Z	2	7.62 cm (3.00 in)
LTC-4640-5000Z	4	15.24 cm (6.00 in)
LTC-6640-5000Z	6	30.48 cm (12.00 in)
LTC-8640-5000Z	8	30.48 cm (12.00 in)
LTC-10640-5000Z	10	45.72 cm (18.00 in)
LTC-12640-5000Z	12	45.72 cm (18.00 in)

PLEASE NOTE: For Installation on shield, filters can be ordered with non-penetration

