

SIGNAL AND SENSOR LINES FILTERS

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ETS-Lindgren's LTC Series are ideal for applications including communication lines entering or leaving shielded rooms, computer rooms, communication terminal rooms, and Sensitive Compartmental Information Facilities (SCIF). The LTC-X640 series filters have multiple circuits to handle 2, 4, 6, 8, 10 or 12 wires, and are designed for stand-alone, individual mounting. The LTC-X640 series 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
- Control Line

Specifications

Electrical Specifications

Model	Passband Impedance	Passband Loss	Stopband Insertion Loss	Max Current	Max Voltage
LTC-X640-100Z	1.0 dB Maximum 0 to 4 kHz	100 dB Minimum @ 14 kHz to 18 GHz	0.5	125 VAC	
LTC-X640-200Z	1.0 dB Maximum 0 to 4 kHz	100 dB Minimum @ 14 kHz to 18 GHz	0.8	125	
LTC-X640-300Z	1.0 dB Maximum 0 to 4 kHz	100 dB Minimum @ 14 kHz to 18 GHz	0.8	125	

NOTE: For Installation on shield, filters can be ordered with penetration kit. Add

Physical Specifications

Model	Width
LTC-2640-100Z	7.62 cm (3.0 in)
LTC-4640-100Z	15.24 cm (6.0 in)
LTC-6640-100Z	30.48 cm (12 in)
LTC-8640-100Z	30.48 cm (12 in)
LTC-10640-100Z	45.72 cm (18 in)
LTC-12640-100Z	45.72 cm (18 in)
LTC-2640-200Z	7.62 cm (3.0 in)
LTC-4640-200Z	5.24 cm (6.0 in)
LTC-6640-200Z	30.48 cm (12 in)
LTC-8640-200Z	30.48 cm (12 in)
LTC-10640-200Z	45.72 cm (18 in)
LTC-12640-200Z	45.72 cm (18 in)
LTC-2640-300Z	7.62 cm (3.0 in)
LTC-4640-300Z	5.24 cm (6.0 in)
LTC-6640-300Z	30.48 cm (12 in)
LTC-8640-300Z	30.48 cm (12 in)
LTC-10640-300Z	45.72 cm (18 in)
LTC-12640-300Z	45.72 cm (18 in)

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