

TELEPHONE LINE DIGITAL FILTERS

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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-C10K	600 (L-L), 300 (L-G)	0.5 dB Maximum; 0 to 40 kHz	100 dB Minimum @ 330 KHz to 18 GHz	0.5	125
LTC-X640-D56K	600 (L-L), 300 (L-G)	1.0 dB Maximum; 0 to 140 kHz	100 dB Minimum @ 1 MHz to 18 GHz	0.5	125
LTC-X640-E128K	150 (L-L), 75 (L-G)	1.0 dB Maximum; 0 to 300 kHz	100 dB Minimum @ 1.5 MHz to 18 GHz	0.5	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-C10K	2	7.62 cm (3.00 in)
LTC-4640-C10K	4	5.24 cm (6.00 in)
LTC-6640-C10K	6	30.48 cm (12.00 in)
LTC-8640-C10K	8	30.48 cm (12.00 in)
LTC-10640-C10K	10	45.72 cm (18.00 in)
LTC-12640-C10K	12	45.72 cm (18.00 in)
LTC-2640-D56K	2	7.62 cm (3.00 in)
LTC-4640-D56K	4	5.24 cm (6.00 in)
LTC-6640-D56K	6	30.48 cm (12.00 in)
LTC-8640-D56K	8	30.48 cm (12.00 in)
LTC-10640-D56K	10	45.72 cm (18.00 in)
LTC-12640-D56K	12	45.72 cm (18.00 in)
LTC-2640-E128K	2	.62 cm (3.00 in)
LTC-4640-E128K	4	15.24 cm (6.00 in)
LTC-6640-E128K	6	30.48 cm (12.00 in)
LTC-8640-E128K	8	30.48 cm (12.00 in)
LTC-10640-E128K	10	45.72 cm (18.00 in)
LTC-12640-E128K	12	45.72 cm (18.00 in)

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