

POTS Filters

For DSL Applications

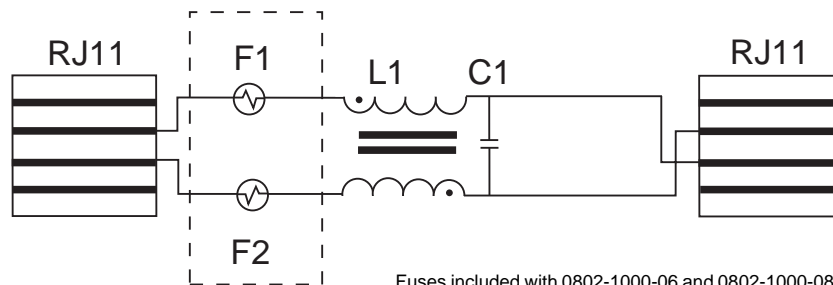
TM9956

- Filter design is compliant with all ADSL, RADSL, SDSL and VDSL coding standards
- Available in two popular packaging options, with or without pigtail
- Compact and robust package design includes RJ-11 connectors for easy installation
- Meets UL, CSA and TUV safety standards
- UL 1950 compliant
- Meets FCC Part 68 Rules
- CS-03 (Industry Canada) compliant
- Operating temperature range of -40° to 85° C

ELECTRICAL SPECIFICATIONS at 25° C

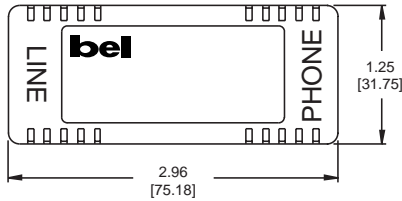
	0802-1000-02	0802-1000-03	0802-1000-05	0802-1000-06	0802-1000-08	0802-1000-09
Inductor Value	1mH	4mH	4mH	4mH	4mH	1mH
Configuration	without pigtail	with pigtail	without pigtail	without pigtail	with pigtail	with pigtail
Cutoff Frequency -3 dB	13.5kHz	12kHz	12kHz	12kHz	12kHz	13.5kHz
Attenuation @ 20kHz	6.5 dB	9 dB	9 dB	9 dB	9 dB	6.5 dB
Attenuation @ 40kHz	15 dB	20 dB	20 dB	20 dB	20 dB	15 dB
Insertion Loss 200Hz to 4kHz	.5 dB	.5 dB	.5 dB	.5 dB	.5 dB	.5 dB
Pass Band Ripple 200Hz to 4kHz	± .5 dB	± .5 dB	± .5 dB	± .5 dB	± .5 dB	± .5 dB
DCR (each line)	1Ω	3Ω	3Ω	3Ω	3Ω	1Ω
Return Loss @ 1kHz	23 dB	27 dB	27 dB	27 dB	27 dB	23 dB

TYPICAL LAYOUT

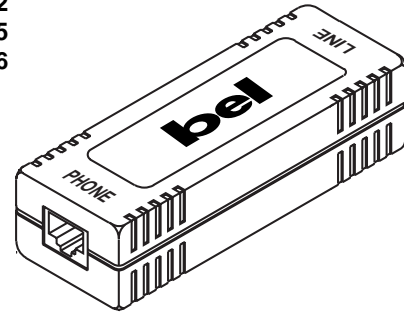


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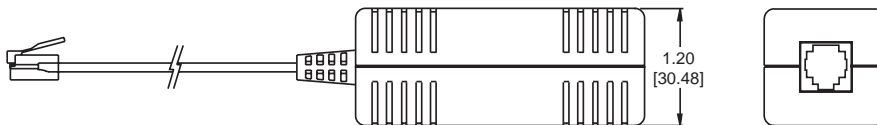
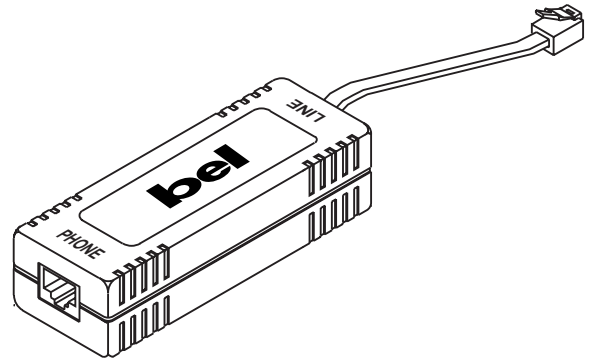
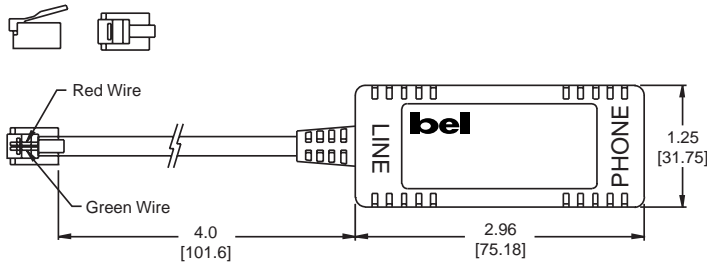
MECHANICALS



0802-1000-02
0802-1000-05
0802-1000-06



0802-1000-03
0802-1000-08
0802-1000-09



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CORPORATE

Bel Fuse Inc.
198 Van Vorst Street
Jersey City, NJ 07302
Tel 201-432-0463
Fax 201-432-9542
www.belfuse.com

FAR EAST

Bel Fuse Ltd.
8F / 8 Luk Hop Street
San Po Kong
Kowloon, Hong Kong
Tel 852-2328-5515
Fax 852-2352-3706
www.belfuse.com

EUROPE

Bel Fuse Europe Ltd.
Preston Technology Management Centre
Marsh Lane, Suite F23, Preston
Lancashire, PR1 8UD, U.K.
Tel 44-1772-556601
Fax 44-1772-888366
www.belfuse.com