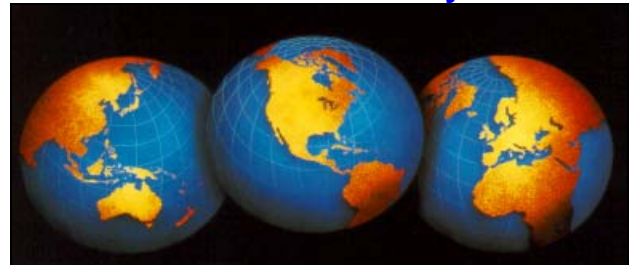


(Shown with Optional 8P-to-6P Adaptor Insert)



## ADSL In-Line Filter/Splitter High Performance Noise-Free Dynamic Filter



## GENERAL

The Model C10245M is a High performance distributed Filter/Splitter for use with each item of Customer Equipment (CE) connected on a PSTN Line that has an overlay DSL service. Its purpose is to attenuate the DSL signal before reaching the PSTN connected CE, it also protects the DSL transmission performance from transients and interferences generated from the CE. The C10245M has improved performance over its predecessors, and tested extensively for compatibility with ADSL, ADSL2 and ADSL2+ services

## APPLICATIONS

- High performance Dynamic filters are used throughout subscribers premises to isolate all voice band equipment/devices such as telephone sets (including cordless types), answering machines, facsimile (fax) machines, V90 modems, automatic diallers and recorder connectors.
- Noise-Free, Dynamic Distributed Filter, suitable for easy self-install for single or multiple filters in parallel on the same line

## FEATURES

- Conforms to Telstra RCIT 0004
- Conforms to AS/ACIF S041:2005; S002-App. F; TS001, TS002 and AS/NZS60950(AS3260) safety.
- Meet ETSI 101 952-1-5v1.1.1(2003-05) standard
- G.dmt, G.Lite, ADSL2, ADSL2+ compatible.
- Isolate telephone equipment impedances from the ADSL and Home Phone Network (HPN) house wiring.
- Attenuate ADSL and HPN signals to telephone equipment to prevent conversion to voice band signals.

- Attenuate HPN signals to unbalanced telephone equipment to prevent radiation into electronic equipment.
- Attenuate radio signals picked up by unbalanced telephone acting as an antenna from affecting ADSL and HPN receivers.

## TECHNICAL SPECIFICATIONS

### Electrical

Network Interface:

Wall Socket (LINE) RJ45

Analogue Port (filtered):

LOCAL PHONE RJ45

Modem Port (unfiltered):

ADSL MODEM RJ45

### Physical

Material Plastic high impact ABS

Dimensions:

Height 18 mm

Width 38 mm

Length 57 mm

### Ordering Information

C10 Model No.	C10 Part No.
C10245M	1078694

Supplied with a short RJ11-RJ11 Line Cord Assembly and 8P-to-6P Adaptor Inserts to allow RJ11 plugs to be connected.

Other configurations available upon request

*C10 products are subject to continuous development and improvement and we reserve the right to change specifications without notice.*

## C10 Communications

**C10 Communications Pty Ltd** ABN 85 073 528 702  
Unit R8 Regents Park Estate Cnr Park Rd and Princes Rd East, Regents Park New South Wales 2143 Australia  
Tel: +61-2-9722 3360 Fax: +61-2-9722 3344  
<http://www.c10.com.au>