

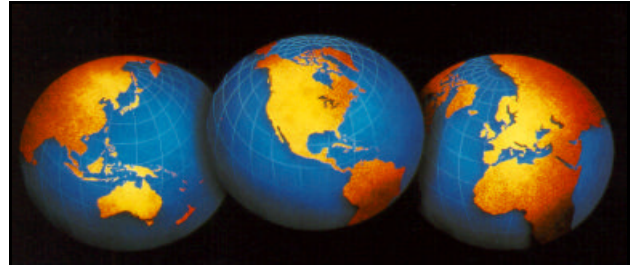
# C10 Communications



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

PRODUCT DATA SHEET

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



## GENERAL

The Model C10245(E) is a distributed Filter/Splitter for use with each item of Customer Equipment (CE) connected on a PSTN Line that has an overlay ADSL service. Its purpose is to attenuate the ADSL signal before reaching the PSTN connected CE.

## 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, 56Kbps and lower rate (dial up) modems, automatic diallers and recorder connectors.

## FEATURES

- 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.
- Minimise voice band interference – transmission, signalling and supervision.
- G.dmt, G.Lite, V.90 compatible.
- Conforms to ACIF Standard S002 – Appendix F; TS001 and TS002 and AS3260. Also available in models to meet and exceed ETSI TR101728 v1.2.1.

## TECHNICAL SPECIFICATIONS

### Electrical

Network Interface:

**LINE** RJ45

Analogue Port:

**LOCAL PHONE** RJ45

Data Port:

**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.
C10245	189227
C10245E	1078304

Supplied with a short RJ11-RJ11 Line Cord Assembly and Optional 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

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