

DATA SHEET



SOUTH AFRICA

ADSL POTS FILTER / SPLITTER DSL-008E1

- RoHS compliant ■ ICASA approved
- Compliant to RCIT.0004
- Meets ETSI TS 101 952-1-5 Option A
- High quality low pass filter
- Optimum performance
- Removes radio interference on the line

SPECIFICATIONS

RTL Reference Impedance:
Zr : 270Ω + (750Ω // 150nF)

Return Loss
(line & pots ports)
300Hz - 3400Hz > 12dB

Insertion Loss @ 1 kHz
Less than 1dB

Insertion Loss Distortion
(300 - 4000Hz) Less than 1dB

DC Resistance
Non linear @ 30mA voltage drop <3V
(or less than 100Ω DC)

DC Current Range
15mA - 125mA

Insulation Resistance
> 10 MΩ

ADSL On-Hook Isolation
32 kHz – 138 kHz : > 35dB
138 kHz – 1104 kHz : > 55dB

ADSL Band Attenuation
32 kHz - 1104 kHz : > 55 dB

**Unbalance About Earth
Voice band:**
50 Hz to 600 Hz : > 46dB
600 Hz to 3400 Hz : > 52dB
3400 Hz to 4000 Hz : > 46dB

**Unbalance About Earth
ADSL Band:**
4 kHz - 30 kHz : > 40dB
30 kHz - 1.104MHz : > 50dB
1.104MHz - 5MHz : > 30dB

