

# PYXIS

MICROFILTERS

## PF-200 PS-200



DSL PHONE FILTER  
DSL PHONE SPLITTER

PRODUCT SPECIFICATIONS

ST  BRIDGE  
NETWORKS

# PYXIS PF-200/PS-200

The **PYXIS PF-200** Phone Filter and the **PYXIS PS-200** Phone Splitter are used to block any noise generated by other phones, fax, answering machines and analog modems introduced by the Plain Old Telephone Service (POTS) line while passing high frequency signals to DSL Modem. It isolates DSL and home phone line signals from voice signal on both lines for peak data performance and voice quality. The filters block the on-hook phones from degrading the DSL digital modem signal effectively.

## PYXIS PF-200

### 1.Features

- Filters one phone device sharing a single jack
- Blocks DSL signals from phone equipment to enhance voice-band signal
- Isolates DSL from phone equipment impedance for peak data performance
- Compact design plugs into any standard RJ11 phone jack

### 2.Specifications

- Insertion Loss (dB):  
1KHz  $< +/-1.0$
- Frequency Characteristics:  
0.2 to 3.4KHz  $< +/-1.5$   
3.4 to 4KHz  $< +/-2.0$
- Return Loss:  
300Hz  $> 14$   
500Hz  $> 18$   
3.4KHz  $> 14$
- Attenuation Properties:  
30 to 300KHz  $< 65$   
300KHz to 1.104MHz  $< 55$



ENABLING YOUR BROADBAND EXPERIENCE.



# PYXIS PS-200

## 1.Features

- Provides separate jacks for Phone and DSL Modem
- Filters one or more phone devices sharing a single jack
- Blocks DSL signals from phone equipment to enhance voice-band signal
- Isolates DSL from phone equipment impedance for peak data performance
- Compact design plugs into any standard RJ11 phone jack

## 2.Specifications

- Insertion Loss (dB):  
1KHz  $<+/-1.0$
- Frequency Characteristics:  
0.2 to 3.4KHz  $<+/-1.5$   
3.4 to 4KHz  $<+/-2.0$
- Return Loss:  
300Hz  $>14$   
500Hz  $>18$   
3.4KHz  $>14$
- Attenuation Properties:  
30 to 300KHz  $<65$   
300KHz to 1.104MHz  $<55$



\* Constellation associated with the former constellation Argo Navis, the Argonauts' Ship. Dismantled by Nicolas L. de Lacaille and named by him Pyxis Nautica or Mariner's Compass.



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