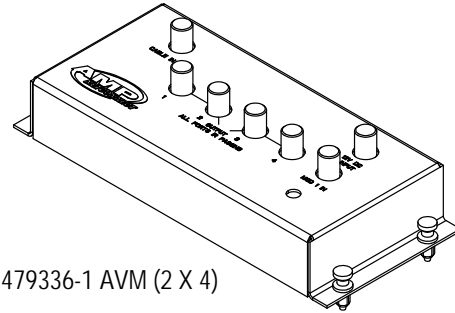
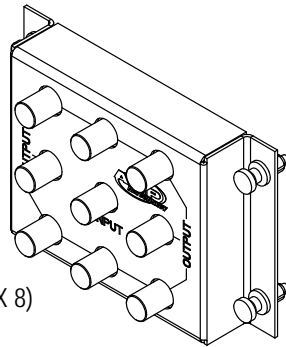


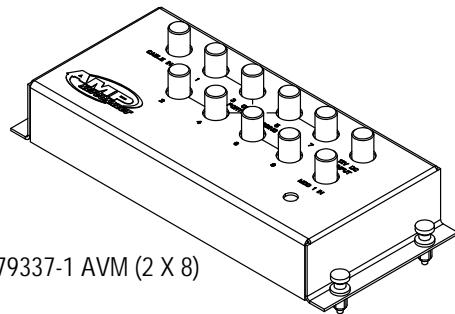
1479334-1 PVM (1 X 6)



1479336-1 AVM (2 X 4)



1479335-1 PVM (1 X 8)



1479337-1 AVM (2 X 8)

| PART NUMBERS | DESCRIPTION | INPUT PORTS X OUTPUT PORTS |
|--------------|----------------------------|----------------------------|
| 1479334-1 | Passive Video Module (PVM) | 1 X 6 |
| 1479335-1 | | 1 X 8 |
| 1479336-1 | Active Video Module (AVM) | 2 X 4 |
| 1479337-1 | | 2 X 8 |

Figure 1

1. INTRODUCTION

This instruction sheet provides the installation procedures for the RCS accessory video modules shown in Figure 1.

AMP NETCONNECT Home Net-Works* Passive Video Modules (PVM) and Active Video Modules (AVM) provide a flexible and easy upgrade method for distributing RF signals throughout an installed Home Net-Works coaxial distribution system. These modules feature push-pin type installation.

To obtain information on AMP NETCONNECT* products, call PRODUCT INFORMATION at the number at the bottom of this page or visit the AMP NETCONNECT website at www.ampnetconnect.com.

Reason for revision are given in Section 4, REVISION SUMMARY.

2. DESCRIPTION

AMP NETCONNECT Home Net-Works Passive Video Modules provide the capability to distribute one RF input to six or eight locations on an installed coaxial distribution system. See Figure 2 for PVMs. PVMs may also be used to combine multiple modulated RF sources.

AMP NETCONNECT Home Net-Works Active Video Modules (AVMs) offer high performance, versatility and a "future ready" solution for residential video distribution. The 2X4 and 2X8 AVMs (Figure 3) are IR passing port to port and capable of reverse modulation using a coax output port. The 2X8 AVM amplifies the incoming CATV/ANT signal providing a 4dB gain (8dB gain for the 2X4 AVM) to each of eight outputs. This is compared to an 11dB (typical) loss for the PVM.

For electrical characteristics, refer to the tables in Figure 4 and Figure 5.

AMP NETCONNECT logo is a trademark of TE.

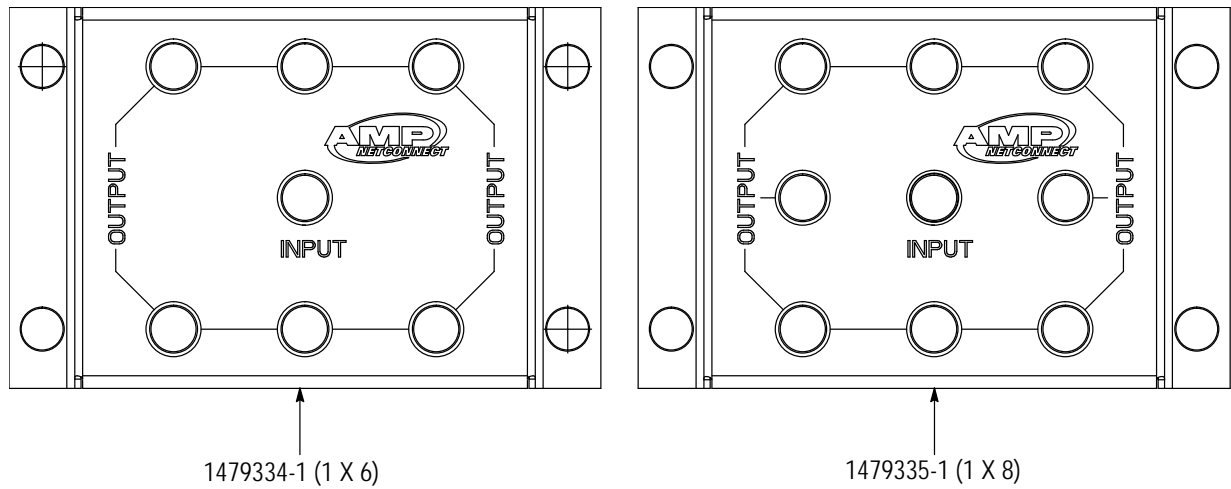


Figure 2

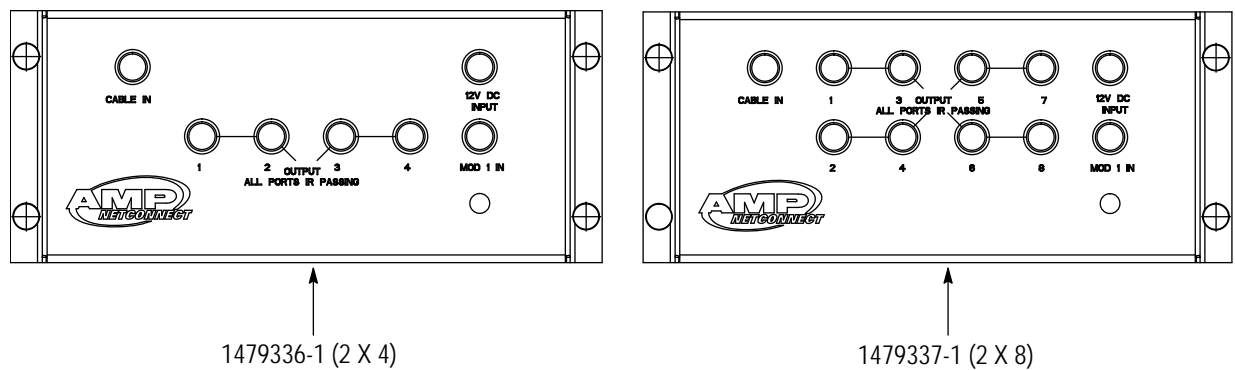


Figure 3

3. INSTALLATION INSTRUCTIONS

1. Mount the video module to RCS14 or RCS36 equipment mounting panel. (The panel is purchased separately.)
2. Connect the cable or antenna signal to CABLE IN.
3. Connect the modulator output (not supplied) to MOD 1 IN.

4. Connect the distribution cables to the OUTPUT ports.

5. Connect the power supply using a coaxial cable to the 12 Vdc INPUT.

4. REVISION SUMMARY

- Updated document to corporate requirements
- New logo

| PARAMETER | FREQUENCY (MHz) | 1 X 6 PVM | 1 X 8 PVM |
|---------------------|-----------------|------------|------------|
| Insertion Loss (dB) | 5-50 | 9.2 | 10.3 |
| | 50-500 | 9.8 | 10.6 |
| | 500-750 | 10.5 | 11.5 |
| | 750-1000 | 11 | 12.5 |
| Return Loss (dB) | 5-50 | 20 | 18 |
| | 50-500 | 20 | 18 |
| | 500-750 | 20 | 20 |
| | 750-1000 | 18 | 18 |
| Isolation (dB) | 5-50 | 25 | 25 |
| | 50-500 | 25 | 25 |
| | 500-750 | 23 | 23 |
| | 750-1000 | 20 | 20 |
| Connector Type | --- | "F" Female | "F" Female |
| Impedance | --- | 75 | 75 |
| DC Pass | --- | All Ports | All Ports |
| RFI (dB) | --- | >130 | >130 |

Figure 4

| PARAMETER | FREQUENCY (MHz) | 2 X 8 AVM | | | 2 X 4 AVM | | |
|--------------------------------|-----------------|-----------|---------|--------|-----------|---------|--------|
| | | Min | Typ | Max | Min | Typ | Max |
| Gain-CABLE IN (dB) | 100 | 2.5 | 4.0 | --- | 6.5 | 8.8 | --- |
| | 1000 | 3.0 | 4.0 | --- | 6.0 | 7.5 | --- |
| Gain-MOD 1 | 100 | -1.0 | 2.0 | --- | 2.0 | 4.0 | --- |
| | 1000 | -1.0 | 2.0 | --- | 0.0 | 2.0 | --- |
| Loss-Reverse Band | 5-40 | --- | -14.0 | -17.0 | --- | -10.5 | -12.5 |
| Loss-OUT/OUT | 54-1000 | --- | -14.0 | -18.0 | --- | -10.0 | -12.0 |
| Return Loss-CABLE IN | 54-100 | --- | -13.0 | -11.0 | --- | -13.0 | -11.0 |
| | 100-750 | --- | -11.0 | -9.0 | --- | -11.0 | -9.0 |
| | 750-1000 | --- | -13.0 | -11.0 | --- | -13.0 | -11.0 |
| Return Loss-MOD 1 IN (dB) | 54-100 | --- | -12.0 | -10 | --- | -15.0 | -10 |
| | 100-750 | --- | -12.0 | -10 | --- | -13.0 | -10 |
| | 750-1000 | --- | -12.0 | -10 | --- | -13.0 | -10 |
| Flatness (dB) | 54-1000 | --- | ±2.0 | --- | --- | ±2.0 | --- |
| Isolation-OUT/CABLE | 54-1000 | -75.0 | -80.0 | --- | -75.0 | -80.0 | --- |
| 2nd Order Input Intercept (dB) | --- | --- | -75.0 | --- | --- | -75.0 | --- |
| 3rd Order Input Intercept (dB) | --- | --- | -60.0 | --- | --- | -60.0 | --- |
| Composite 2nd Order (dB) | --- | --- | --- | -60.0 | --- | --- | -60.0 |
| Composite Triple Beat (dB) | --- | --- | -70.0 | -60.0 | --- | -70.0 | -60.0 |
| Noise (dB) | 54-60 | --- | 3.8 | 5.5 | --- | 3.8 | 5.5 |
| | 60-750 | --- | 3.4 | 4.8 | --- | 3.4 | 4.8 |
| | 750-1000 | --- | 3.8 | 5.5 | --- | 3.8 | 5.5 |
| Hum Modulation (dB) | --- | --- | 70.0 | --- | --- | -70.0 | --- |
| RFI Isolation (dB) | 5-1000 | --- | --- | -130.0 | --- | --- | -130.0 |
| DC Current (mA) | --- | 220.0 | 270.0 | 320.0 | 220.0 | 270.0 | 320.0 |
| IR Pass | --- | --- | OUT/OUT | --- | --- | OUT/OUT | --- |

Figure 5