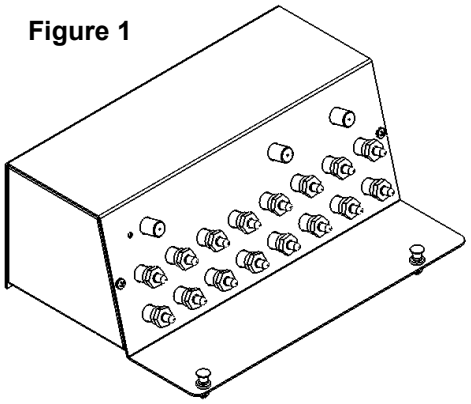
Installation/Instruction Sheet
2x16 Enhanced Video Module
IS-0180 Rev O

1. Introduction:

The OnQ 2x16 Enhanced Video Module, P/N 364522-01, provides management and distribution of RF (Cable TV) signals on coaxial cable throughout the house. The 2x16 has forward and reverse path amplification to provide unity gain throughout distribution. The 2x16 also provides an auxiliary input for CCTV or modulated media center input, which are combined with the cable distribution. The module can be mounted into any OnQ standard Service Center Enclosure.

Figure 1



2. Description:

The Video Module has "F" style fittings for connecting all incoming and outgoing cables and power input with LED. The 2x16 Video Module allows for 1 CATV input, 1 auxiliary input, and 16 outputs. Module includes power supply. The 2x16 occupies 9 vertical inches and is a half width module (see **Figure 1**). Overall module dimension are 6.42 (W) x 9.00 (L) x 3.50 (H).

3. Installation:

A. Mounting in enclosure (see **Figure 2**)

1. Align tabs on module with slots on rail of enclosure.
2. Insert tabs by angling module away from the back of the enclosure and sliding forward.
3. Rotate the module and insert fasteners on module into corresponding holes on rail of enclosure. (Plunger must be in the pulled out position for fastener to engage hole.)
4. Push plunger in to lock module in place. Pull on module to assure module is locked properly in place.

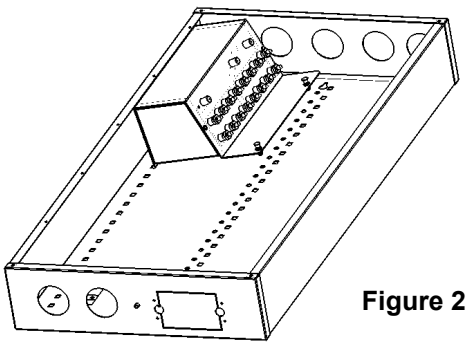


Figure 2

Note: Recommended location for Video Modules is the upper left side however modules may be mounted in any available space.

Note: Do <u>Not</u> bend cable in less than about 2 inch radius.

B. Service Connection

1. Identify incoming service cable(s) and route to "Cable In" fitting(s) on module. In routing cable, allow slack for bundling cables to the side. Trim cable to allow loose loop of cable to the connection.
2. Attach a Series 6 "F" connector to the cable. Connect to fitting on module and finger tighten.

C. Auxiliary Input Connections

1. Identify cables for auxiliary inputs and route to appropriate fitting. In routing cable, allow slack for bundling cables to the side. Trim cable to allow a loose loop of cable to the connection.
2. Attach a Series 6 "F" connector to the cable. Connect to fitting on module and finger tighten.

D. Outlet Drop Connections

1. Identify cables from the outlets and route to appropriate fittings. In routing cables, allow slack for bundling cables to the side. Trim cables to allow a loose loop of cable to the connection.
2. Attach a Series 6 “F” connector to the cable.
3. Remove terminator from fitting and connect cable to module and finger tighten.
4. Place terminator on outlet after installation.

Note: Cables should all be marked to provide identification. Record room locations for cables from outlets and auxiliary inputs.

E. Power Connection

1. Identify amplifier power cables and route to appropriate fitting. In routing cable, allow slack for bundling cables to the side. Trim cable to allow a loose loop of cable to the connection.
2. Attach a Series 6 “F” connector to the cable. Connect to fitting on module and finger tighten.
3. Attach a Series 6 “F” connector to the opposite end of the cable. Connect to the amplifier transformer provided with module.
4. Plug transformer into a standard 110 VAC outlet.

Warning: Damaged cable from the transformer may be hazardous and should be replaced.

Caution: Do not connect power to any other device or fitting. Connecting to other fittings may damage attached products.

Note: No field serviceable parts inside module.