AV2000 Simple Multi-Media Cabling Questions & Answers

◆ **What is Wireworks AV2000 Multi-Media Cabling?**

For multi-media system integrators who face the challenge of building audio/video systems to meet customer demand while increasing profitability, Wireworks AV2000 Multi-Media Cabling offers the only cabling system with the capacity, performance, components and cable combinations to build the most competitive systems. AV2000 is the only platform that integrates technologies specifically optimized for simplicity, durability and integrity. Key elements of AV2000 include:

◆ Ability to combine audio, video, data and control cables into one single AV2000 assembly

◆ An array of combinations that fit your system demands and installation real estate needs

◆ A superior manufactured cabling system where key components combine to provide high performance and durability

◆ Complete flexibility of design that provides interface diversity. Performance with simple inter-connectivity

◆ Wireworks expertise to help with design, configuration and deployment of AV2000 systems

◆ Industry leading Wireworks warranty to provide long term security

◆ **What are the capabilities of Wireworks AV2000 System?**

Wireworks AV2000 assemblies offer a broad range of multi-contact configurations. These configurations include 19 variations of both male and female, chassis and line connectors. Contact capacities range from 24 coaxial contacts to 69 sixteen gauge pin/socket contacts, delivering cable assemblies perfect for a wide range of multi-media systems.

◆ **Will Wireworks AV2000 Multi-Media Cabling meet my systems special needs?**

Yes! As all Wireworks AV2000 assemblies are custom made for your system, any special requirements can be met. For instance, if a difficult cable path is in place, from a floor box to an equipment rack that will require special cable or installation, Access Points can be fabricated with short tails, conveniently terminated, so that they can be connected to existing in-wall cabling. Further, if special breakout cables are needed in an umbilical (e.g. to include an A/C cable for convenience) these can be made to your requirements. Just let Wireworks know.

◆ **Which of the AV2000 configurations is most suitable for my system?**

Nearly every multi-media or A/V system is different. System use normally dictates which various elements are included in your system and this, in turn, dictates what your AV2000 cabling system will include. Once the cabling complement has been decided (how many coaxial cables, how many audio cable, what control cables are needed and how much network connectivity), the specific configuration can be selected. With 19 different contact configurations to choose from, a very wide range of systems are easily accommodated. If your system needs a lot of coaxial cabling and only a little audio and control, it can be suited as easily as if your system requires very little coax cabling but multiple network data connections. Wireworks is here to help guide your choice and to assist in your cable assembly design.

◆ **What are the key benefits of investing in the AV2000 Multi-Media Cabling System as your cabling system of choice?**

With hundreds of systems deployed nationally, Wireworks AV2000 system is the premier multi-media cabling system for integrated audio/video and mixed media system applications. The unique modular system approach of AV2000 leads the industry with:

◆ Highest performance - AV2000 is the only single point cabling system that can provide such a wide range of mixed signal interconnection. With the unique connector design, AV2000 delivers an extensive array of features while at the same time ensuring simplicity, durability and reliability

◆ Only system offered to easily combine audio, video, data and control signals. With a full range of signal transmission options, Wireworks is the only manufacturer to offer cable assemblies manufactured to your exact requirements providing for audio, video, data and control signals in a single point connector system. AV2000 enables integrators to deploy multi-media units from small to large, utilizing one or several access points in floor boxes or on wall panels. To reduce complexity and confusion, Wireworks AV2000 system reduces the need for multiple connectors to one single interconnect

◆ Only fully configurable single connector system - AV2000 multi-media cabling brings the advantage of a wide range of connector configurations to any A/V system. With the scalability of the connectors used, AV2000 is the only multi-media cabling system that maximizes the convenience and simplicity of a single point interconnect system for both small and large systems. Each assembly is manufactured to your individual system requirements and demands

◆ Investment protection - the unique Wireworks warranty protects against defects in parts and workmanship for life

◆ Highly scalable - the connector architecture used for AV2000 ensures assembly configuration for your system without performance compromise. Broad mixed signal capacity is available while offering the smallest panel footprint. The choice of contact options help integrators control panel 'real estate' requirements

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- Reduced on-site installation time – AV2000 cable assemblies are supplied complete and with the terminations you specify so any on-site cable termination time is minimized. The completed assemblies can just be plugged in and used
- Reduced system confusion - the AV2000 cable assemblies offer the most signal variations
- In place of a bewildering array of mixed connectors, one simple, single connector is all that is needed to reduce the connector confusion for the end user.

◆ What is special about Wireworks AV2000 Multi-Media Cabling and is it compatible with my A/V system?

AV2000 offers the widest range of cabling options and variations to help integrators supply cabling systems that provide everything they need to meet customer demand and A/V system requirements. The assemblies provide transmission of audio, video, data and control signals while maintaining the required coaxial integrity of video and data signals. AV2000 contact options ensure compatibility with the most complex mixed-media systems — the assemblies are designed and manufactured specifically for each system to meet each specific requirement. In addition, all assemblies are built with as much cable termination as necessary to speed installation and reduce in-field termination activities.

◆ What are the primary components in Wireworks AV2000 Multi-Media Cabling?

There are three main assembly components used in the Wireworks AV2000 system;
- Umbilical - cable assemblies with a multi-contact connector at one end and terminated tails at the other - used between an Access Point and the user equipment
- Access Point - convenient chassis multi-contact connectors to access the system — plug-in points. Can be supplied on Gang Plates or panels ready to drop in
- Link - cable assembly with a AV2000 connector on each end used between two Access Points or to extend an Umbilical
- These three components cover most applications. However, Wireworks will provide other configurations to specification, as required.

◆ What are the key applications for Wireworks AV2000 Multi-Media Cabling?

Wireworks AV2000 is used wherever a range of multi-media cables carrying mixed signal types are to be combined into the most convenient interconnect cable, thereby enabling the end-user to have a single point interconnect cabling system. Key applications include:
- Lecterns and podiums
- Roll around A/V carts
- Boardrooms
- Mobile broadcasting
- Theaters
- Fly packs
- Distance learning facilities
- Systems in educational facilities and places of worship

◆ What is unique about Wireworks AV2000 Multi-Media Cabling?

The Wireworks AV2000 Multi-Media Cabling System is the only single point interconnect system capable of handling such a variety of audio, video, data and control signals. It is the only way to easily simplify a system's interconnections and at the same time maintain the cabling integrity necessary for the variety of signals involved. It is ideal for integrators who require a cabling system that provides the ultimate in simplicity for the end-user and at the same time, reduces the footprint of the connector on the panel in a floor box or wall panel. Durability is ensured as there are no thin, fragile tails to catch on the furniture and break. Security of the interconnection is provided by means of a choice of latching systems.

◆ How can I design and order Wireworks AV2000 multi-media cabling for my A/V system?

Wireworks is ready to help with the design and implementation of AV2000 Multi-media cabling into your facility. We stand ready to answer your questions and to assist in any way we can to make the integration of AV2000 easy. Simply let us know the cable complement for your system (e.g. how many coaxial, audio data cables etc) and how the cabling is to be used (e.g. what control signals are to be used, is the audio balanced or unbalanced etc). Then let us know the required lengths of the various components and how the different cables need to terminate to the individual pieces of electronics and Wireworks will provide a detailed quotation which shows what is included in each assembly. This quotation provides an easy document to aid in the ordering process. Wireworks will then supply the necessary assemblies, terminated and ready for use.

◆ Where can I find out more information on Wireworks AV2000 Multi-Media Cabling?

Just contact a Wireworks sales team member at 800-642-9473 or e-mail us at info@wireworks.com. For more information about us and our line of products please visit our web site at: www.wireworks.com