

Professional Long-Range Cable Solutions Advanced Graphics Display Technology

+ FIBRE OPTIC DISPLAYPORT SOLUTIONS

Deploying any Video Wall or Digital Signage Installation requires careful planning around how to connect sources to video wall equipments and graphics cards to screens.

High quality cables can be sizable and difficult to manage, especially when installers are managing large bundles of cables from a video wall controller to a bank of screens. Many long range solutions require additional power at both the transmitter and receiver end of the solution.

+ FEATURES

The Datapath ActiveConnect cables are available with either DisplayPort1.2 or HDMI2.0 connectors. Both types allow for the transmission of 4k signals (3840x2160p) at 60 frames per second.

The ActiveConnect series of cables can be used to connect a 4k Media Player to Vision Capture cards or from the ImageDP4 graphics cards to DisplayPort capable monitors or projectors. Each cable is HDCP



Datapath's ActiveConnect series solves all these problems with a single, DisplayPort to DisplayPort or HDMI to HDMI fibre optic cable that is available in a variety of lengths up to 100m.

The ActiveConnect cables are 7mm thick and require no additional power. They can provide a direct connection from the ImageDP4 to a DisplayPort capable screen or from an HDMI converter to HDMI capable equipment.

compliant allowing for protected sources to be carried within the Datapath system.

The ActiveConnect cables do not require any additional power and, at 7mm thick, installers can easily deploy large numbers of screens using cables that take little space. Each cable is Plenum rated and can be safely installed into building cavities such as walls, floors or ceilings.

Capture the detail...

+ REDUCED SIZE AND WEIGHT

The ActiveConnect series of cables are only 7mm thick and are available in lengths of up to 100m. The weight of the cable equates to approx 15 grams per meter (including connectors).

Each cable has a maximum bend radius of 6mm allowing cables to be manoeuvred around obstacles with ease. The fibre is made from high quality plastics which mean that cables are robust and capable of being deployed in challenging environments.

+ MODELS AVAILABLE

The Datapath ActiveConnect fibre optic cables are available in lengths of 25m and 50m. Additionally 100m. DisplayPort cables are also available.

ActiveConnect25/D 25M DisplayPort 1.2 cable

ActiveConnect25/H 25M HDMI 2.0 cable

ActiveConnect50/D 50M DisplayPort1.2 cable

ActiveConnect50/H 50M HDMI 2.0 cable

ActiveConnect100/D 100M DisplayPort cable

Please note that 50m and 100m cables are shipped on spindles for ease of deployment.

+ SPECIFICATIONS

ActiveConnect DisplayPort Cables

Connectors	Fully locking DisplayPort connectors
Max Resolution	4096 x 2160p 60Hz
Data Rate (Per Channel)	Up to 5.4Gbps
HDCP	HDCP 1.3 compliant
Power consumption	Maximum 180mW

ActiveConnect HDMI Cables

Connectors	HDMI Type A
Max Resolution	4096 x 2160p 60Hz
Data Rate	Up to 18Gbps
Power	Maximum 375mW

General Specification

Certification	UL / CE / FCC / Plenum
Operating Temperature	0 to 35 deg C / 32 to 96 deg F
Storage Temperature	-20 to 70 DegC (-4 to 158 DegF)
Relative Humidity	5% to 90% non-condensing
Warranty	3 years

