

ActiveConnect

Professional Long-Range
Cable Solutions



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.

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.

FEATURES

The Datapath ActiveConnect cables are available with DisplayPort1.2 connectors, allowing for the transmission of 4K signals (3840 x 2160p) 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 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.

Engineering the **world's best** visual solutions


DATAPATH
EXCELLENCE BY DESIGN

Advanced Graphics Display Technology

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.

SPECIFICATION

CONNECTORS

Fully locking DisplayPort connectors

MAX RESOLUTION

4096 x 2160p 60Hz

DATA RATE (PER CHANNEL)

Up to 5.4Gb/s

HDCP

HDCP 1.3 compliant

POWER CONSUMPTION

Maximum 180mW

CERTIFICATION

UL / CE / FCC / Plenum

OPERATING TEMPERATURE

0 to 35 °C / 32 to 96 °F

STORAGE TEMPERATURE

-20 to 70 °C (-4 to 158 °F)

RELATIVE HUMIDITY

5% to 90% non-condensing

WARRANTY

3 years

MODELS AVAILABLE

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

ActiveConnect25/D 25M DisplayPort 1.2 cable

ActiveConnect50/D 50M DisplayPort 1.2 cable

ActiveConnect100/D 100M DisplayPort cable

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

We are continuously developing the technology used within our product ranges delivering outstanding innovative solutions, therefore the specification may change from time to time.

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