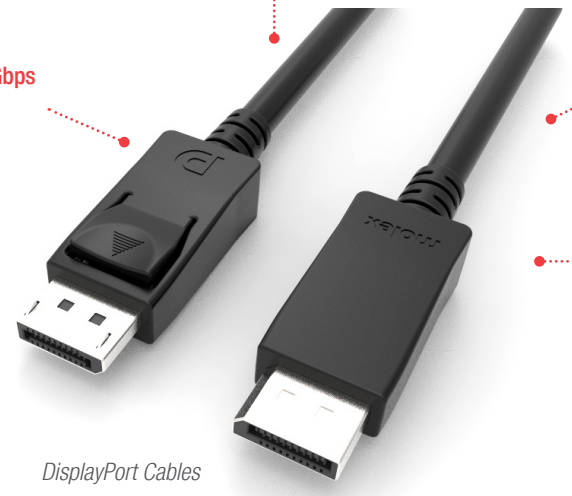
DisplayPort Cables

High-performance fully shielded DisplayPort cables offering superior reliability, durability and 4K display resolution, making them ideal for a variety of markets and applications

DisplayPort Cables

Features and Advantages



DisplayPort Cables

Detect lock
Provides secure mating

Up to 32.4 Gbps bandwidth

v1.3 compliant

Supports 4K resolution display
Delivers high-quality display

10,000 mating cycles
Delivers high durability

Fully shielded
Provides EMI/RFI protection

Applications

Consumer
- PC
- Graphic cards
- Game Consoles
- TV Displays

Industrial and Commercial
- Projectors

Medical
- Medical devices
- Monitors

Datacom
- Workstations

Monitor

Medical Devices

DisplayPort Cables

molex

Specifications

REFERENCE INFORMATION
Packaging: Tape and reel
UL File No.: NA
CSA File No.: NA
Mates With:
68783 series with 47272
Terminal Used: Copper Alloy
Designed In: Millimeters
RoHS: Yes
Halogen Free: No

MECHANICAL
Electrical
Voltage (max.): 30V AC
Current (max.): 0.50A
Contact Resistance (max.):
30 Milliohms (initial); 50 Milliohms after test
Dielectric Withstanding Voltage: 100V AC

MECHANICAL
Cable Assembly Housing: Over molded type
Plug Contact Retention to Housing:
Insert-molded type
Insertion Force to PCB: Zero insertion force
Mating Force (max.) : 44.1N
Unmating Force:
9.8 to 39.2N (after 2,000 insertion/extraction cycles); 4.9 to 39.2N (after 10,000 insertion/extraction cycles)
Durability (min.): 10,000 cycles

PHYSICAL
Housing: PVC, High Temperature
Shield Case: Copper (Cu) Alloy
Contact: Copper (Cu) Alloy
Plating:
Contact Area — Gold (Au)
Solder Tail Area — Tin (Sn) Alloy
Underplating — Nickel (Ni)
Shield case — Tin (Sn) Alloy over Nickel (Ni)
Operating Temperature: -20 to +80ºC

Ordering Information

Series No.	Product	Product Configuration	Standard / Data Speed
68783	Standard Cable	DisplayPort to DisplayPort v1.3 with Latch	DisplayPort v1.3

www.molex.com/link/displayport.html

Order No. 987651-9295 APS/0k/GF/2018.09