

Technical data sheet

ACG591 Display port M/M 1.2V



Version: A/0

【Product Picture】



【Product Description】

Model	
ACG591	
Cable Length	
1.8m, 2m.	
Interface	
Input: Display port Male	
Output: Display port Male	
Bandwidth	
Up to 21.6Gbps	
Resolution	
bandwidth:21.6GBps/4K@60Hz/1080P@60Hz	
Material	
Conductor Material	Oxygen Free Copper
Insulation material	Polyethylene
Shield material	AL Foil shielding + Braided shielding
Shell Material	PVC molding

【Features】

- **High Definition Transmission:** Supports ultra-high-definition video and audio transmission for crystal-clear visuals and immersive sound.
- **Increased Bandwidth:** Offers increased bandwidth of up to 21.6 Gbps for seamless data transfer and faster refresh rates.
- **Multi-Stream Transport (MST):** Enables the use of multiple monitors through daisy-chaining, optimizing productivity and multitasking capabilities.
- **Secure Locking Mechanism:** Features a secure locking mechanism to ensure a stable connection and prevent accidental disconnections.
- **Thinner and Flexible Design:** Designed with a thinner and more flexible cable construction for easier handling and routing behind desks or through tight spaces.
- **Robust Construction:** Constructed with durable materials to withstand wear and tear, ensuring long-lasting performance.
- **Backward Compatibility:** Maintains compatibility with previous DisplayPort versions, ensuring connectivity with older devices.

【Application Environment】

Data transfer cable.

Interface connection cable is designed to connect devices with DP connector (digital signal) to devices with DP connector (digital signal).

The scope of application of this cable is personal computers, workstations, server equipment, telecommunication networks, SCS networks.

【Important Notice】

- **Compatibility:** Ensure your device is compatible with DisplayPort Cable 1.2 specifications before use. Incompatibility may result in limited functionality or failure to establish a connection.
- **Handling:** Handle the cable with care. Avoid bending, twisting, or subjecting it to excessive force, which may damage the cable and impact performance.
- **Connection:** Always connect and disconnect the cable gently and securely to prevent port damage. Verify proper alignment before insertion to avoid bent pins or port issues.
- **Environment:** Use DisplayPort Cable 1.2 in a suitable environment. Avoid exposing it to extreme temperatures, moisture, or direct sunlight, as these conditions may affect performance.
- **Maintenance:** Regularly inspect the cable for any signs of wear or damage. Replace the cable if any defects are detected to maintain optimal performance.
- **Safety:** Do not attempt to modify or repair the cable yourself. Contact authorized personnel for assistance with any issues or concerns.

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