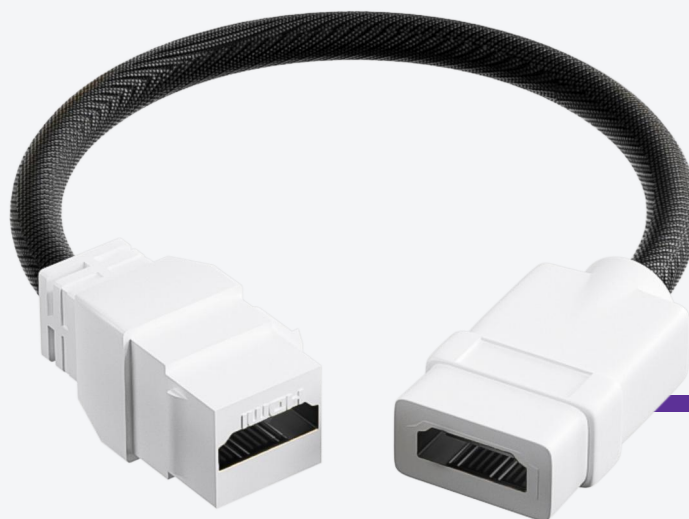


# HDMI 2.1 Keystone Jack and Coupler

**KS17**

## Overview

HDMI 2.1 Keystone Jack and Coupler supports HDMI 2.1 (48Gbps) and is designed for recessed installation into standard wall plates, enabling a clean and hidden setup. It ensures stable transmission of 8K Ultra HD video and cinematic audio such as Dolby Atmos. With broad compatibility across various devices, it is an ideal connectivity solution for building high-end home theater and gaming systems.

## Benefits

**HDMI 2.1:** Supports 8K@60Hz, Dynamic HDR, Dolby Atmos, and eARC.

**Hidden Installation:** Standard Keystone modular design for easy integration into wall plates, enabling tidy cable management.

**Anti-Interference:** Multi-layer shielding and gold-plated connectors ensure stable, lossless signal transmission.

**Wide Compatibility:** Fully compatible with mainstream audio-visual devices such as game consoles, Blu-ray players, TVs, and more.

## Technical Specification

| Parameter                           | Value                                                                                                                                                                          |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type                        | HDMI 2.1 Keystone Jack and Coupler                                                                                                                                             |
| Module Color                        | White                                                                                                                                                                          |
| Cable Color                         | Black                                                                                                                                                                          |
| Components                          | HDMI Keystone Module Port; HDMI Female Port; HDMI 2.1 Cable                                                                                                                    |
| Female Connector Shell Material     | ABS                                                                                                                                                                            |
| Female Connector Interface Material | Iron Shell with Nickel and Tin Plating                                                                                                                                         |
| Pin Contacts Material               | Phosphor Bronze Gold-plated                                                                                                                                                    |
| Conductor/Core Material             | Brass                                                                                                                                                                          |
| Cable Shielding Material            | Aluminum Foil                                                                                                                                                                  |
| Cable Jacket Material               | Black PVC                                                                                                                                                                      |
| Cable Outer Braiding Material       | Black Nylon                                                                                                                                                                    |
| Standard HDMI Port Dimensions       | 39.5 mm x 23.6 mm x 11.5 mm<br>(1.56 inch x 0.93 inch x 0.45 inch)                                                                                                             |
| Standard Keystone Port Dimensions   | 38.8 mm x 16.3 mm x 14.5 mm<br>(1.53 inch x 0.64 inch x 0.57 inch)                                                                                                             |
| Overall Product Length              | 180 mm $\pm$ 20 mm (7.09 inch $\pm$ 0.79 inch)                                                                                                                                 |
| Net Weight                          | 33 g (0.073 lb)                                                                                                                                                                |
| Functions                           | HDMI 2.1 keystone jack transmits 8K signals losslessly through a standard wall plate, enabling neat and concealed wiring                                                       |
| Cable Internal Structure            | HDMI2. 1 (1/0. 254BC*1P+D1/0. 20BC+AM) *5P+1/0. 20BC*3C+1/0. 32BC*1C +AL+D (1/0.32BC) +B (48/0. 12AM) Black + Black Nylon Braided Mesh                                         |
| Cable OD                            | 6.0 mm                                                                                                                                                                         |
| Applicable Equipment                | TVs and monitors, Projectors, Gaming consoles (e.g., PlayStation, Xbox), Blu-ray players, AV receivers, Laptops and desktop computers, Home theater systems, Streaming devices |
| HDMI Version                        | HDMI 2.1                                                                                                                                                                       |
| Data Rate Support                   | 8K@60Hz, 4K@120Hz                                                                                                                                                              |
| DC                                  | 300V                                                                                                                                                                           |
| Rds (ON)                            | 5 $\Omega$                                                                                                                                                                     |

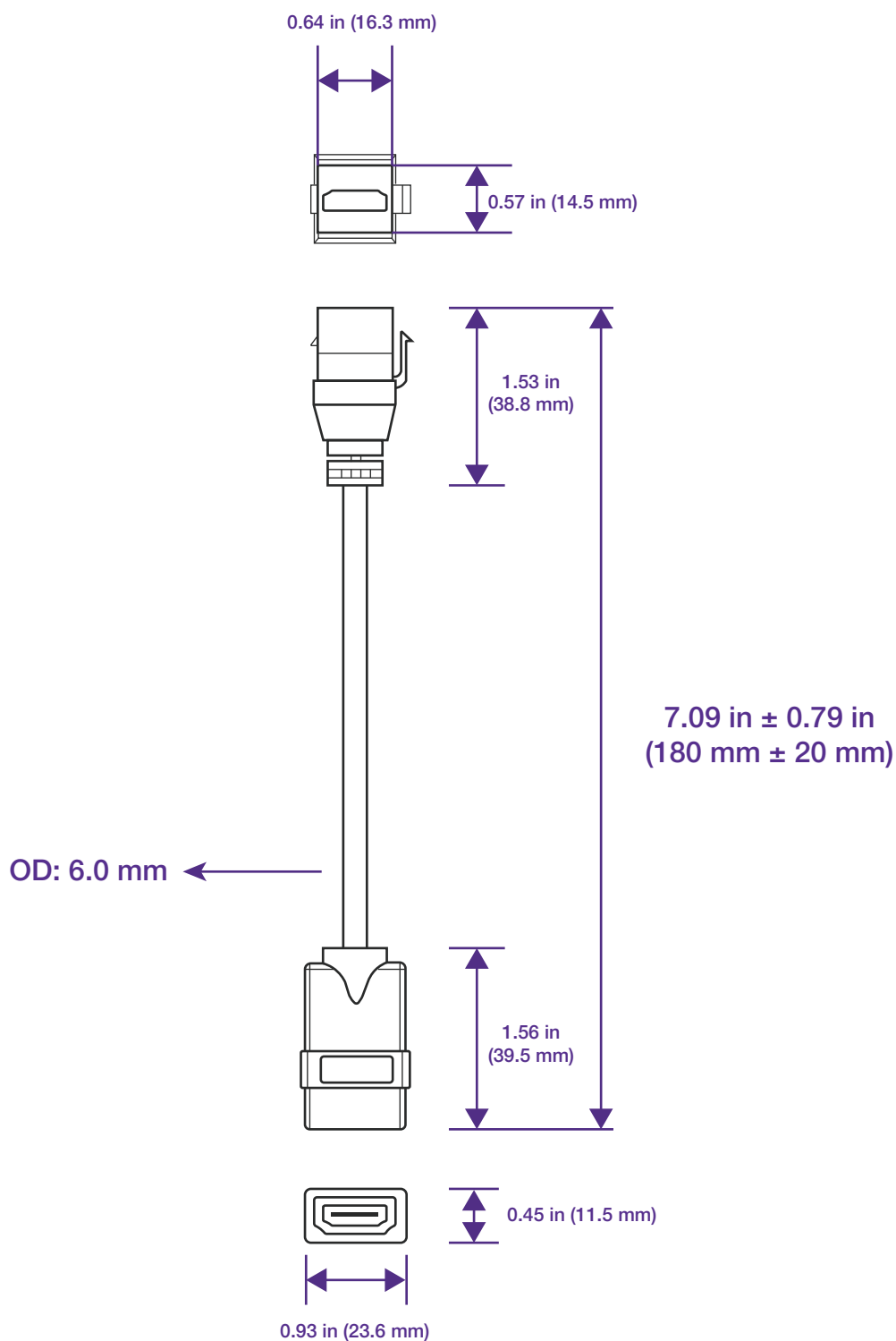
## Technical Specification

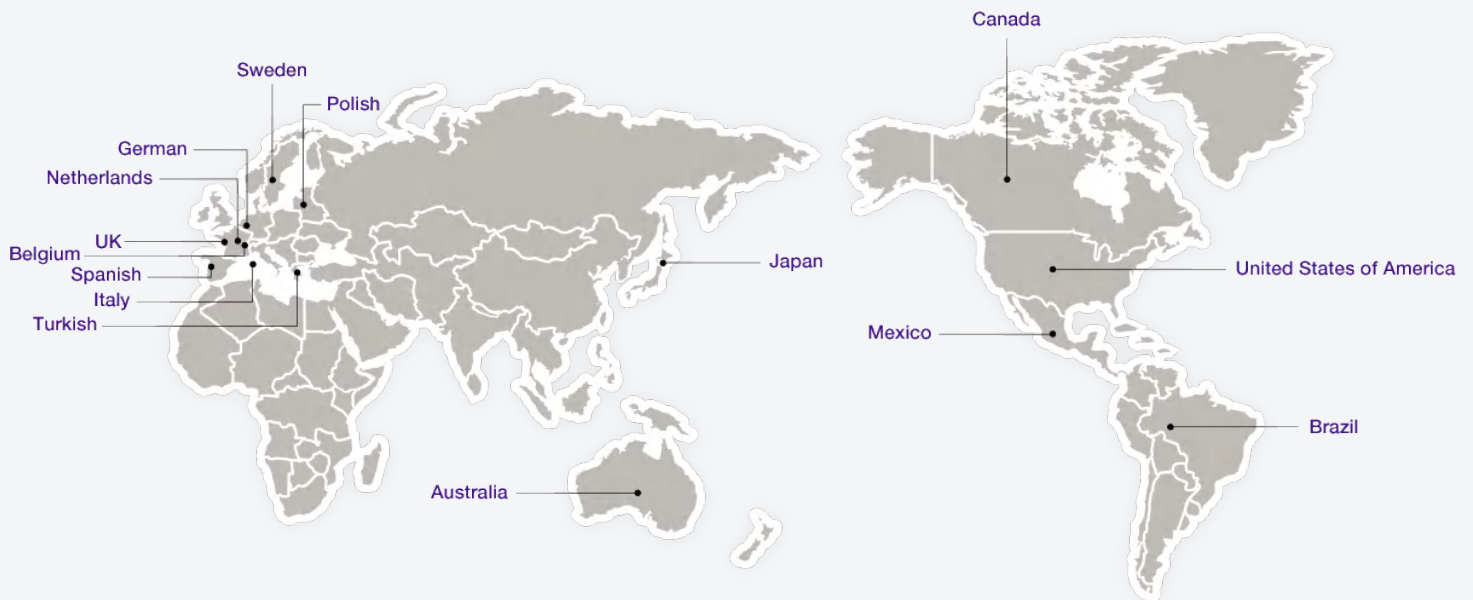
| Parameter                     | Value                                                         |
|-------------------------------|---------------------------------------------------------------|
| Insulation Resistance         | 10 MΩ                                                         |
| Video & Audio Features        | Dolby Atmos, Dolby Vision, Dynamic HDR, 3D, DSC               |
| Gaming & Performance Features | VRR, QMS, QFT, ALLM                                           |
| Termination Type              | Note the HDMI type. Do not insert it into incompatible ports. |

## Technical Specification

Unit

in/mm



 <https://www.vcelink.com>

## Company Profile

HANGZHOU HONGJIE ELECTRONICS CO., LTD, established in 2006, is headquartered in Hangzhou, China. Under its brand "VCELINK," the company specializes in the production and sale of high-quality network accessories, network cables, optical cables, patch cords, audio-video accessories, as well as various types of tools. These products are primarily used in the fields of structured cabling, computers, and the electronics industry. VCELINK offers personalized customization services to its customers, and in addition to online direct purchases, users can also choose bulk procurement or customized services, all aimed at meeting the unique needs of various customers.

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