



# iCable H8KS

High-end Super-soft HDMI 8K Cables

*Datasheet V1.0*



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# 1. INTRODUCTION

**High-end Quality Performance:** The INFOBIT **iCable H8KS** HDMI cables provide an uncompressed digital link between consumer electronics equipment such as DVD players, set-top boxes and audio/video monitors such as LCD or OLED display screens for high-definition TVs.

**Supersoft design:** The INFOBIT **iCable H8KS** HDMI cables are designed with super-soft structure, that make it easier for AV installers to do the wiring and cabling.

# 2. FEATURES

- Max. Resolution 8K@60Hz and 4K@120Hz (4:4:4)
- HDMI 2.1 spec, 48Gbps bandwidth
- Support Dynamic HDR, Dolby Vision, HDR10, 3D Video
- High-Quality Connectors - 24K gold-plated connectors resist corrosion and offer the best possible connectivity.
- Supports HDMI Ethernet
- Supports ARC (Audio Return Channel) and eARC
- Supports Variable Refresh Rate (VRR)
- Auto low latency Mode (ALLM)
- Quick Frame Transport (QFT)
- Quick Media Switching (QMS)
- Super-soft design.
- Varied Selection of Lengths - Available in versions of 1m, 2m.

### 3. SPECS

|                          |                                                                                                     |                |
|--------------------------|-----------------------------------------------------------------------------------------------------|----------------|
| Name                     | High-end Super-soft HDMI 8K Cables                                                                  |                |
| Model                    | iCable H8KS-01                                                                                      | iCable H8KS-02 |
| Length                   | 1m                                                                                                  | 2m             |
| Cable Diameter           | 6.3mm                                                                                               | 6.3mm          |
| Cable Gauge              | 30 AWG                                                                                              | 30 AWG         |
| Connectors               | HDMI Type A, 24K golden connectors                                                                  |                |
| HDMI Version             | HDMI 2.1                                                                                            |                |
| HDMI Compliance          | Dynamic HDR, Dolby Vision, HDR10, 3D Video, HDCP 2.3, EDID, and CEC                                 |                |
| Video Resolution         | 8K@60Hz and 4K@120Hz (4:4:4)<br>Up to 7680 x 4320,<br>24Hz/25Hz/30Hz/60Hz/120Hz/144Hz               |                |
| Bandwidth                | 48 Gbps                                                                                             |                |
| ARC & eARC               | YES                                                                                                 |                |
| Audio                    | Supported Audio Formats: Dolby Digital Plus™, Dolby TrueHD™, DTS-HD Master Audio™, DVD Audio, SA-CD |                |
| HDMI Ethernet            | YES                                                                                                 |                |
| Voltage Rating           | 5V                                                                                                  |                |
| Differential Impedance   | 100 ohms ± 5%                                                                                       |                |
| Far End Crosstalk (FEXT) | < -20 dB                                                                                            |                |
| Propagation Delay        | 4.55 nsec/meter                                                                                     |                |
| Head                     | Plastic                                                                                             |                |
| Jacket                   | Super-soft PVC                                                                                      |                |
| Color                    | Space Blue                                                                                          |                |
| Operating Temperature    | -25° to 80° C                                                                                       |                |

|                                |                             |
|--------------------------------|-----------------------------|
| Storage Temperature            | -40° to 85° C               |
| Humidity (storage / operating) | 10% to 90% (non-condensing) |