



# MicroFlex™ Pro AV/IT Integrator Series™ Certified Ultra High Speed 8K 48G HDMI Cables with ProGrip™ up to 25ft

## The #1 HDMI Cable for Systems Integration - Now in 8K!

The legendary systems integration HDMI cable workhorse just got a major upgrade. For the first time ever, Comprehensive's industry leading MicroFlex™ HDMI Cable is now available in brilliant 8K!

## MicroFlex™ 8K 48G - The Most Capable HDMI Cable Ever Designed

Comprehensive's MicroFlex™ Pro AV/IT Integrator Series™ Certified Ultra High Speed 8K 48G HDMI Cables are simply the most capable, flexible and reliable cable we have ever designed. We combined cutting edge performance, ultra-flexibility, unsurpassed reliability, and exclusive features such as ProGrip™ and SureLength™ all in a low-profile cable that brings you every pixel and decibel 8K has to offer!



## State-of-the-Art Performance with Stunning Ultra High 8K Resolution, Dynamic HDR and Dolby Atmos Audio

With 4 times the pixels of 4K and 16x the pixels of 1080p, 8K has to be seen to be believed! Comprehensive's MicroFlex™ Pro AV/IT Integrator Series™ Certified Ultra High Speed 8K 48G cables deliver every bit of Ultra HD 8K resolution! Included are support for HDR, Deep Color, 21:9 aspect ratio, up to 32 audio channels with eARC and Dolby Atmos. Even ethernet is built right in!

## Certified Pro AV/IT Commercial Grade Construction - Up to 5X more durable on average

Comprehensive's MicroFlex™ 8K HDMI Cables are designed and built specifically for the daily rigors of systems integration. Made with premium quality commercial grade components including triple shielding to ensure the highest level of integrity and superior rejection of EM and RF interference. They are then wrapped in a proprietary ultra-flexible jacket, providing unsurpassed bendability and durability. Pro AV/IT Integrator Series™ Cables are up to 5X more durable on average than standard cables. MicroFlex™ 8K cables then go through rigorous testing and are ATC certified for a lifetime of worry free performance for you and your clients.

## Tapered Micro Head with Ultra-Flexibility-Perfect for Tight Spaces

Comprehensive's MicroFlex™ 8K HDMI Cables feature a low-profile design and un-heard of flexibility that make them perfect for use in tight spaces including surface access boxes, equipment racks and other tight spaces including behind flat panels where space is limited. All of these features are included in a cable with a connector head and O.D. that is up to 40% smaller than traditional HDMI cables.

## ProGrip™ Connectors Ensure Cables Always Stay Connected

The number one complaint about HDMI has been its inability to stay connected. So, Comprehensive developed our exclusive ProGrip™ HDMI connector which features up to 16lbs of retention force. Without actually locking, the ProGrip™ connector fits very snugly so the cable stays connected and prevents unwanted customer service calls from your clients.

## Multiple Colors for Easy Source and Display Identification

Keeping track of all of your cable inputs and outputs with write-on labels is a time-consuming chore that slows down productivity and adds labor overhead to jobs. But with seven vibrant colors, that is a thing of the past. Only MicroFlex™ 8K HDMI Cables offer color flexibility that allows you to color code all your HDMI connectivity right out of the bag!

## SureLength™ Indicators Make Cable Sorting Easy

Only Comprehensive cables offer SureLength™ cable length indicators that clearly indicate the length of each cable on the connector mold - huge time savers for integrators and installers who are constantly sorting out lengths preparing for jobs!

## Peace of Mind Comes Standard

Value is knowing a product you buy today will work for you tomorrow and in the years to come. Since 1974, Comprehensive has been making the most reliable and dependable Pro AV/IT cables on the planet for our integrator and professional customers. Period. We live up to that statement with each and every cable we manufacture. So, when you purchase a Comprehensive product, you can be assured it will keep on working and last a lifetime. That's Quality You Can Count On™.

## Tested and Trusted Since 1974

Since 1974, Comprehensive Pro AV/IT Series connectivity products have been trusted by Pro AV and I.T. systems integrators because of their legendary reliability, performance and value. That's why they have been the "go to" connectivity products worldwide for boardrooms, classrooms, data centers, schools, government installations, stadiums, broadcast studios, stages and other mission critical applications.

HDMI CABLES



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## Features

- Ultra High Speed 8K@60 (7680 × 4320) 4:4:4 Deep Color Sampling as well as 8K100/120, 10K50/60 and up to 10K/100/120\*
- Backwards compatible support for 4K/60 4:4:4
- Certified 48Gbps High Speed (End to End)
- Ultra-Flexible, low profile connector head which is perfect for tight spaces
- Exclusive ProGrip™ connector utilizes up to 16 lbs of retention force to help keep connector in place
- Exclusive SureLength™ indicators on the connector heads make it easy to organize for installations
- Available in 7 colors for quick and easy cable identification
- Supports Deep Color and x.v.Color
- Supports High Dynamic Range (HDR10)
- Ethernet Capable
- Simultaneous delivery of dual video streams to multiple users on the same screen
- eARC support for Dolby Atmos and DTS-X 5.1/7.1 Lossless Dolby TrueHD and DTS-HD Surround Sound
- Supports CEC Extension commands and functions, HDMI Ethernet channel, and ARC features
- Up to 32 audio channels (LPCM) and 21:9 aspect ratio
- Multi-Stream Audio (up to 4)
- Enhanced gaming features: Variable Refresh Rate (VRR), Auto Low Latency Mode (ALLM) and Quick Frame Transport (QFT).
- Molded 24k Gold Plated HDMI male connectors on each end
- RoHS Certified and UL Rated
- Prop 65 Compliant
- Lifetime Warranty

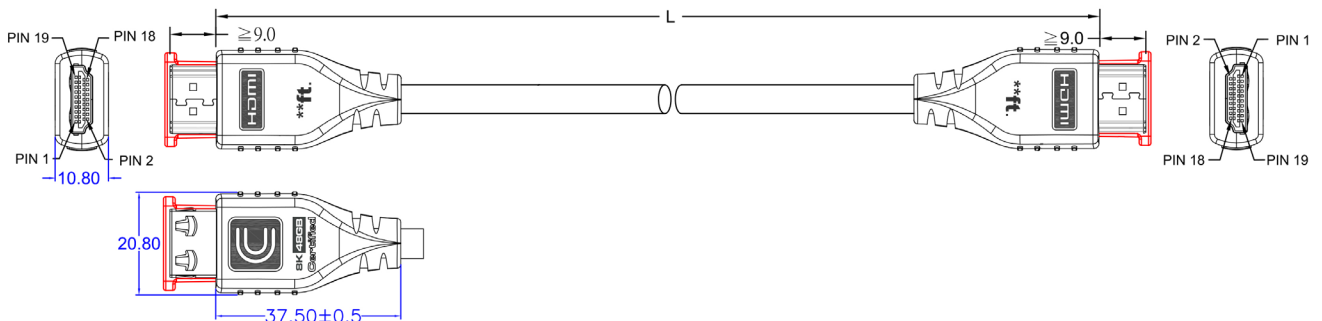
HDMI CABLES

**DOLBY** **Sure Length** **HDCP** **HDR** **ULTRA HD** **Pro Grip** **4:4:4** **HDMI** **8K 48GB**

<b>MHD48G-3PROBLK</b>	3ft	<b>MHD48G-12PROBLKA</b>	12ft
<b>MHD48G-41/2PROBLK</b>	4.5ft	<b>MHD48G-15PROBLKA</b>	15ft
<b>MHD48G-6PROBLK</b>	6ft	<b>MHD48G-20PROBLKA</b>	20ft
<b>MHD48G-9PROBLK</b>	9ft	<b>MHD48G-25PROBLKA</b>	25ft



\*Substitute **BLK** for **GRN, ORG, RED, WHT, GRY** or **BLU** (4.5ft, 12ft, 15ft, 20ft and 25ft is only available in BLK)





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## Specifications

### Performance & Resolution

- 3D Ready: Yes
- Audio Formats Supported DTS: X, Dolby TrueHD, Dolby Atmos, Dolby® True HD, DTS-HD Master Audio and up to 32 audio channels
- eARC (Enhanced Audio Return Channel): Yes
- Chroma Sampling: Up to 4:4:4
- Color Bit Depth: Supports 8 bit, 10 bit, 12 bit & 16 bit
- Data Speed: Up to 48 Gbps
- Lengths 12ft, 15ft, 20ft and 25ft are active and directional
- Ethernet Capability: Yes
- HDCP Compliant: Yes
- CEC Compliant: Yes
- HDMI ATC Certified: Yes (3ft - 9ft)
- Max Distance: 25ft
- Resolution and Refresh Rate: 4K50/60, 4K100/120, 5K50/60, 5K100/120, 8K50/60\*, 8K100/120\*, 10K50/60\*, 10K100/120\*
- \*Requires VESA DSC (Display Stream Compression)
- 1.2a enabled device
- Performance Grade: Commercial Grade
- Signal Technology Version: HDMI 2.1

### Connections

- Connector Side 1: HDMI Male 19 Pin Type A
- Connector Side 2: HDMI Male 19 Pin Type A

### Environmental

- Temperature Rating: 0-80 ° C

### Power & Electric

- DC Resistance: 8Ω/50ft
- Insulation Resistance: 100 Ω
- Nominal Attenuation: 100 Ω
- Skew: < 500ps
- Voltage: 5 volts

### Physical Characteristics

- Bend Radius" 0.95"
- Cable Outer Diameter (OD): 3ft, 4.5ft, 6ft : 6.0 mm
- 9ft, 12ft, 15ft, 20ft, 25ft : 6.4 mm
- Conductors: Bare copper
- Colors: Black, Grey, White, Blue, Red, Orange and Green
- Connector Finish: 24k Gold Plated
- Dimensions (W x H x D): Connector : 0.8" W; 1.48" H; 0.42" D
- Bi-directional : 3ft, 4.5ft, 6ft, 9ft
- Directional : 12ft, 15ft, 20ft, 25ft
- Gauge (AWG): 30 AWG
- Jacket Type: Xtra-Flex PVC
- Packaging: Ziplock Bag
- Shielding: Triple Shielded, Inner 100% Aluminum Mylar Wrap, Outer 100% Aluminum Mylar Wrap, 85% Tinned Copper Braid

### Regulatory

- ATC Certification: Yes (3ft - 9ft)
- CE: Yes
- CL Rated: VW-1
- Prop 65 Compliant: Yes
- Rohs Compliant: Yes
- UL Rated: Yes

### Warranty

- Lifetime

### Weight (Shipping)

- 3ft: 0.25 lbs
- 4.5ft: 0.35 lbs
- 6ft: 0.45 lbs
- 9ft: 0.85 lbs
- 12ft :1.05 lbs
- 15ft : 1.25 lbs
- 20ft : 1.45 lbs
- 25ft : 1.75 lbs

HDMI CABLES