



## PRO AV/IT 4K 18G HDMI CABLE SOLUTIONS

*Heavy Duty • MicroFlex • Plenum • Fiber Optic*



 **DOLBY**  **Sure Length**  **HDCP**  **HDR**  **ULTRA HD**  **Pro Grip**  **4:4:4**  **HDMI**  **4K60 18GB**

## Pro AV/IT Heavy Duty Certified 18G 4K HDMI Cables



**DOLBY.** **Sure Length** **HDCP** **HDR** **ULTRA HD** **Pro Grip** **4:4:4** **HDMI** **4K60 18GB**

Comprehensive's **Pro AV/IT Certified 18G 4K (End to End) HDMI Cables** are full UHD with Deep Color and High Dynamic Range support that give you the full 4K experience as it was meant to be.

These next generation 4K HDMI cables feature full **UltraHD 4K@60Hz 4:4:4** chroma sampling and **18Gbps bandwidth** rating (End to End). They also come integrated with exclusive commercial features such as **ProGrip® connectors** utilizing up to 16 lbs of retention force to help keep connector in place and **SureLength® indicators** on the connector heads to make it easy to organize for installations.

These cables come with **the best durability and reliability in the business**, making this the perfect cable choice for all your 4K and high speed HDMI display needs.



**SureLength® Indicators**  
Easily organize by cable length

**ProGrip® Connector**  
Up to 16lbs of retention force

### Features

- **Certified 18Gbps** High Speed (End to End)
- **UltraHD 4K@60 4:4:4** Deep Color (4096x2160p)
- **Heavy Duty** commercial grade construction - built to last
- **ProGrip® connector** helps secure the connection
- **SureLength® indicators** on the connector heads make it easy to organize
- Supports **High Dynamic Range (HDR)**
- Supports Deep Color and x.v. Color
- 5.1/7.1 Lossless Dolby TrueHD and DTS-HD Surround Sound
- Simultaneous delivery of dual video streams to multiple users on same screen
- Up to 32 audio channels (LPCM) and 21:9 aspect ratio
- 24 or 26 gauge 99.9% High Purity Copper Center Conductor
- Molded 24k Gold Plated HDMI connectors on each end
- **Ethernet Capable** and **Supports CEC** Extension
- CL3 rated jacket for easy installation
- RoHS Certified
- **Lifetime Warranty**

*Please note: Lengths 25ft, 35ft, 50ft are active and directional*

Item Number	Color	Length
HD18G-3PROBLK	Black	3ft
HD18G-6PROBLK	Black	6ft
HD18G-9PROBLK	Black	9ft
HD18G-12PROBLK	Black	12ft
HD18G-15PROBLK	Black	15ft
HD18G-20PROBLK	Black	20ft
HD18G-25PROBLKA	Black	25ft
HD18G-35PROBLKA	Black	35ft
HD18G-50PROBLKA	Black	50ft



## MicroFlex Pro AV/IT Certified 18G 4K60 HDMI Cables



**DOLBY.** **Sure Length** **HDCP** **HDR** **ULTRA HD** **Pro Grip** **4:4:4** **HDMI** **4K60 18GB**

Comprehensive's **MicroFlex Pro AV/IT Certified 18G 4K60 High Speed HDMI Cables** were designed specifically for the tight spaces encountered by commercial and residential system integrators as well as technology professionals.

These cables are **ultra-flexible** with a **zero bend radius** and have a **micro connector head**. They feature our exclusive **ProGrip® connector**, come in **7 colors** for easy cable identification and our **SureLength® indicators** help make installations quick and easy.

### Features

- **Ultra-Flexible, low bend radius, with micro connector head**
- **Certified 18Gbps** High Speed (End to End) **UltraHD 4K@60 4:4:4** Deep Color (4096x2160p)
- **ProGrip® connector** utilizes up to 16 lbs of retention force to help keep connector in place
- **SureLength® indicators** on the connector heads make it easy to organize for installations
- Available in **7 colors** for easy cable identification
- 5.1/7.1 Lossless Dolby TrueHD and DTS-HD Surround Sound
- Supports **HDR, CEC** Extension and **Ethernet Capable**
- Up to 32 audio channels (LPCM) and 21:9 aspect ratio
- Molded 24k Gold Plated HDMI connectors on each end
- RoHS Certified and UL Rated
- Commercial Grade with a **Lifetime Warranty**

*Please note: Lengths 12ft, 15ft and 20ft are active and directional*



	Black	Blue	White	Grey	Red	Green	Orange
1.5ft	MHD18G-18INPROBLK	-	-	-	-	-	-
3ft	MHD18G-3PROBLK	MHD18G-3PROBLU	MHD18G-3PROWHT	MHD18G-3PROGRY	MHD18G-3PRORED	MHD18G-3PROGRN	MHD18G-3PROORG
6ft	MHD18G-6PROBLK	MHD18G-6PROBLU	MHD18G-6PROWHT	MHD18G-6PROGRY	MHD18G-6PRORED	MHD18G-6PROGRN	MHD18G-6PROORG
9ft	MHD18G-9PROBLK	MHD18G-9PROBLU	MHD18G-9PROWHT	MHD18G-9PROGRY	MHD18G-9PRORED	MHD18G-9PROGRN	MHD18G-9PROORG
12ft	MHD18G-12PROBLKA	MHD18G-12PROBLUA	MHD18G-12PROWHTA	MHD18G-12PROGRYA	MHD18G-12PROREDA	MHD18G-12PROGRNA	MHD18G-12PROORGA
15ft	MHD18G-15PROBLKA	MHD18G-15PROBLUA	MHD18G-15PROWHTA	MHD18G-15PROGRYA	MHD18G-15PROREDA	MHD18G-15PROGRNA	MHD18G-15PROORGA
20ft	MHD18G-20PROBLKA	-	-	-	-	-	-



## State-of-the-Art Performance & Reliability

Comprehensive Pro AV/IT HDMI Cables provide 18G 4K Ultra HD performance. Features include up to 4096 x 2160 resolution, HDR, HDCP, Ethernet, up to 32 channels of audio, Dolby TrueHD and a Lifetime Warranty.

Pro AV/IT HDMI Cables are simply the most capable and reliable HDMI cable in the market bar none. With exclusive features and tested and trusted durability for commercial environments, you can count on every cable every time.



## SureLength® Cable Length Indicators

Preparing cables and keeping track of cable lengths for jobs, your next presentation or rack build can be a frustrating and time-consuming experience, especially when the packaging is long gone. Now you can tell the difference between cable lengths with just a glance at the connector head.

**DOLBY.** **Sure Length** **HDCP** **HDR**



## 7 Colors For Easy

Keeping track of all of your cables is a time consuming chore that slows you down and adds labor overhead to jobs.



4:4:4 COLOR SPACE   Pro Grip   HDMI   4K60 18GB



## Cable Identification

Now you can use the same easy color identification system you are used to from Cat5/6 with your MicroFlex HDMI cables.



## Commercial Grade Construction

HDMI is an amazing technology, but it was obvious early on that the inherent design of HDMI cables were lacking in core features needed for SMB, systems integration, government, education & other demanding commercial applications.

So Comprehensive set out to re-invent the HDMI cable for professional use, re-designing it from the ground up (specifically with the needs of Pro AV/IT systems integrators and technology professionals in mind). The result: a state-of-the-art cable that excels both in premium performance and unequalled reliability.



## ProGrip® HDMI Connector Technology

The number one complaint about HDMI Cables 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.





## Pro AV/IT 18G 4K Active Fiber Optic Plenum HDMI Cables



**DOLBY** **HDCP** **HDR** **ULTRA HD** **4:4:4** **HDMI** **4K60 18GB**

Comprehensive's **Pro AV/IT Active Fiber Optic Plenum HDMI Cables** feature **Ultra HD, 18G 4K 60 4:4:4** End to End resolution. They enable high-speed, plug-and-play HDMI signal transmission **up to 100ft**. Perfect A/V distribution for conference rooms, classrooms, digital signage or other commercial applications. Comprehensive Active Fiber Optic Plenum HDMI Cables use active components in the connectors to perform electrical-to-optical signal conversion, drawing power from the HDMI port. Each Cable is thin, light, flexible and plenum rated to make it easy to pull through conduit. Comprehensive plastic optical fibers can accommodate very tight bends with no loss of signal, unlike glass optical fibers.

Pro AV/IT Active Fiber Optic Plenum HDMI Cables send video using light pulses, which provide higher immunity to EMI/RFI interference and electromagnetic noise. **HDR, EDID, CEC, HDCP, and RoHS compliant**. These Cables offer best-in-class resolution and a low-smoke, fire-retardant plenum jacket as well as a worry-free **Lifetime Warranty**.

### Features

- **Full UHD HDMI 2.0b 18G, HDR, 4K@60Hz 4:4:4**, with all audio support
- Available in pre-terminated **lengths up to 100ft**
- **Thin and flexible** with indefinite long-term bend radius of ~0.2"
- Polymer optical fiber technology provides low power consumption and low EMI
- Strong pull tension (up to 100lbs)
- UL CMP-OF/FT-6 rated for all plenum applications
- Active connectors require no external power supply
- EDID, CEC and HDCP compatible
- RoHS Compliant
- **Lifetime Warranty**

*Please note: does not support ARC or Ethernet*



Item Number	Color	Length
HD18G-32PROPAF	Grey	32ft
HD18G-50PROPAF	Grey	50ft
HD18G-75PROPAF	Grey	75ft
HD18G-100PROPAF	Grey	100ft

### Important notes:

- These Active Fiber Optic Cables contain an active chip to process and distribute the signal. In some cases, there can be performance or compatibility challenges with certain laptops, PC's or other sources depending on a variety of system conditions.
- This cable features a unidirectional design which requires the cable to be installed in the correct direction. The HDMI connectors are labeled "Source" and "Display" to ensure that the device and HDMI source are properly connected.
- Being a Fiber Optic cable, it must be handled with more care than a copper cable during installation as extreme force and/or excessive or sharp bends could potentially damage or break the cable inside.

## Plenum Pro AV/IT 18G 4K Active HDMI 24 AWG Cables



**DOLBY.** **Sure Length** **HDCP** **HDR** **ULTRA HD** **Pro Grip** **4:4:4** **HDMI** **4K60 18GB**

Comprehensive's **Plenum Pro AV/IT 18G 4K Active HDMI Cables** were designed specifically for commercial and residential system integrators as well as technology professionals in education, corporate, government and other demanding environments.

Plenum Pro AV/IT **18G 4K** Active High Speed HDMI cables come equipped with all the latest HDMI features including **Ultra HD 4K@60Hz 4:4:4** chroma sampling and **18Gbps bandwidth** rating (end to end), transmission of **HDR** video, Ethernet, Deep Color, up to 32 audio channels with ARC and support for wide angle theatrical 21:9 aspect ratio.

They also come integrated with exclusive commercial features such as **ProGrip® connectors** utilizing up to 16lbs of retention force to help keep the connector in place and **SureLength® indicators** on the connector heads to make it easy to organize for installations. A **CL2P plenum rated jacket** makes this cable perfect for both commercial and residential installations.

### Features

- **18Gbps** High Speed (End to End)
- **Ultra HD 4K@60Hz 4:4:4** chroma sampling
- **ProGrip® connector** utilizes up to 16lbs of retention force
- **SureLength® indicators** on the connector heads
- 24 Gauge **Heavy Duty** Construction
- **CL2P** rated for installations in plenum spaces
- Supports **HDR**
- Deep Color and x.v. Color
- 120 Hz Refresh Rate
- 5.1/7.1 Lossless Dolby TrueHD/DTS-HD Surround Sound
- Ethernet Capable
- Lip-sync
- **HDCP** Compliant
- Premium Molded 24k Gold Plated HDMI connectors
- RoHS Certified
- **Lifetime Warranty**

*Please note: All lengths are active and directional*



Item Number	Color	Length
HD18G-25PROPA	Black	25ft
HD18G-35PROPA	Black	35ft
HD18G-50PROPA	Black	50ft



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The Pro's Connectivity Since 1974<sup>®</sup>