



MicroFlex Active Pro AV/IT 18G Extended Length HDMI Cables with ProGrip, CL3

Smaller, Slimmer O.D. Delivers 4K60 18G End to End Performance for Easy Cable Runs

Comprehensive's Active MicroFlex Pro AV/IT 18G HDMI Extended Length Cables are the perfect long run cable solution for classrooms, conference rooms, huddle spaces, houses of worship, digital signage and other commercial applications.

These cables feature Active chip technology which provides data speeds of up to 18 Gigabits from end to end but in a smaller, thinner diameter than traditional HDMI cables. Typically, the longer the distance, the heavier and thicker the cable, but MicroFlex Pro AV/IT Extended Length Cables maintain a lower profile and smaller diameter which makes them much less cumbersome, while making your installation faster and easier at the same time.



The World's Only Commercial 18G HDMI Cable Built for Systems Integration™

Comprehensive's MicroFlex Pro AV/IT Certified 4K60 18G High Speed HDMI cables were designed specifically for the tight spaces encountered by commercial and residential system integrators as well as technology professionals in education, corporate, government, houses of worship and other demanding commercial environments.

Ultra-Flexible with up to 40% Smaller O.D. than Traditional HDMI Cables

MicroFlex cables are perfect for the systems integrator and technology professional as they have a zero bend radius and a small outer diameter that is up to 40% smaller than traditional HDMI cables. This makes MicroFlex cables much easier to work with and perfect for the demanding applications and environments of commercial (and residential) systems integration.

Full Ultra HD 4K@60hz 18G Performance with Ethernet

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

ProGrip™ Connector Ensures Cables Always Stay Connected

A long time problem of HDMI connectors is that they can easily become loose or be disconnected by accident. But Comprehensive's exclusive ProGrip connector solved that problem and secures the connection with up to 16lbs of retention force to prevent cables from being unintentionally disconnected and un-wanted service calls!

SureLength™ Indicators Make Staging Cables Easy

Comprehensive's 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!

Commercial Construction and Worry-Free Lifetime Warranty

Comprehensive's MicroFlex HDMI Cables are true commercial construction. Our stress-reducing molded strain relief and ultra-flexible jacket ensure thousands of connections and provide unsurpassed durability. Triple professional grade shielding provide superior rejection of EM and RF interference. And strict multi-level ISO quality control testing ensures a lifetime of worry-free use for integrators and technology professionals alike.



The Pro's Connectivity Since 1974®

Since 1974, Comprehensive Pro AV/IT Series Cables 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" cable worldwide for boardrooms, classrooms, data centers, schools, government installations, stadiums, broadcast studios, stages and other mission critical applications. Pro AV/IT Series Cables are also perfect for anyone looking for premium quality connectivity at great price.

*Please note that MicroFlex lengths of 12ft and above are active and directional and the display end of the connector is slightly longer than the source connector.

MHD18G-25PROBLKA	25ft
MHD18G-35PROBLKA	35ft



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Features

- Designed Specifically For Systems Integrators and Technology Professionals
- Smaller, thinner diameter makes this cable much easier to run
- Active Chip Technology ensures End to End 18Gbps (4K@60 4:4:4) performance up to 35ft
- UltraHD 4K@60 4:4:4 Deep Color Sampling (4096x2160p)
- ProGrip™ connector utilizes up to 16lbs of retention force to help keep connector in place
- SureLength™ indicators on the connector heads make it easy to organize for installations
- Ultra-flexible, low bend radius, with micro connector head-perfect for tight spaces
- Available in multiple colors for easy cable identification
- Ethernet Capable
- Supports Deep Color and x.v.Color
- Supports High Dynamic Range (HDR)
- Simultaneous delivery of dual video streams to multiple users on the same screen
- 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)
- Molded 24k Gold Plated HDMI male connectors on each end
- RoHS Certified and UL Rated
- Commercial Grade with Lifetime Warranty
- Available in lengths up to 35ft

Specifications

Performance & Resolution

3D Ready: Yes

Audio Formats Supported: Dolby® True HD, DTS-HD Master Audio and up to 32 audio channels

Audio Return Channel: Yes

Chroma Sampling: 4K 60hz 444

Color Bit Depth: 8 Bit

Data Speed: Up to 18 Gbps

Ethernet Capability: Yes

HDCP Compliant: Yes

CEC Compliant: Yes

HDMI ATC Certified : No

Max Distance: Up to 35ft

Resolution and Refresh Rate: Up to 4K@60fps and 8 Bit Color Space

Performance Grade: Best/Commercial Grade

Signal Technology Versions: HDMI 2.0

Connections

Connector Side 1: HDMI Male 19 Pin Type A

Connector Side 2: HDMI Male 19 Pin Type A

HDMI CABLES





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Specifications

Environmental

Temperature Rating: 80°C

Physical Characteristics

Bend Radius: 0

Cable Outer Diameter (OD): Up to 20ft: 0.24" (6.0 mm), 25 ft: 0.26" (6.5mm), 35 ft: 0.3" (7.5mm)

Conductors: 19 pins

Color: Jet Black

Connector Finish: 24k Gold Plated

Directional: Yes

Gauge (AWG): Up to 20ft: 30awg, 25ft: 30/32 awg, 35ft: 28/32 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

Power & Electrical

DC Resistance: at 20°C MAX 30AWG: 347Ω/km; 32AWG: 542Ω/km; 28AWG: 218Ω/km

Insulation Resistance: Min 100 mega ohms -10m at 20°C

Nominal Attenuation: 300KHz ~1GHz ---- 12dB; 1GHz ~ 3GHz ---- 12dB~22dB

3GHz~ 4.125GHz --- 22dB ~ 42dB; 4.125GHz ~ 6GHz ---- 42B~52dB

Skew: Intra pair Max 160ps/cable,

Inter pair Max 1.78ns/cable

Voltage: 30V

Regulatory

ATC Certification: No

CE: No

CL3 Rated: Yes

Prop 65 Compliant: Yes

Rohs Compliant: Yes

UL: Yes



Weight (Shipping)

25ft: .98lbs, 35ft: 1.35 lbs

UPC code

MHD18G-25PROBLKA: 808447081565

MHD18G-35PROBLKA: 808447081572

Warranty

Worry-Free Lifetime

Notes:

These cables are directional requiring the cable end labeled for the source and display to be installed correctly as indicated. Please check the connector head before plugging in.

HDMI CABLES