



MicroFlex Active Pro AV/IT 10.2G Extended Length HDMI Cables with ProGrip, CL3

Smaller, Slimmer O.D. Delivers 10.2G End to End Performance for Easy Cable Runs

Comprehensive's Active MicroFlex Pro AV/IT 10.2G 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 10.2 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 Grade HDMI Cable™

Comprehensive's Active MicroFlex Pro AV/IT 10.2G HDMI Extended Length 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.

4K@30Hz 10.2G Performance with Ethernet

Active MicroFlex Pro AV/IT 10.2G HDMI Extended Length Cables come equipped with 4K@30Hz 4:4:4 Chroma sampling and 10.2Gbps bandwidth rating (end to end), Ethernet, Deep Color, up to 32 audio channels.

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 ensure 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.

MHD-MHD-25PROBLKA	25ft
MHD-MHD-35PROBLKA	35ft
MHD-MHD-50PROBLKA	50ft



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Features

- Smaller, thinner diameter makes this cable much easier to run
- Active Chip Technology ensures End to End 10.2Gbps performance up to 50ft
- Ultra-flexible with low bend radius
- Durable, rugged commercial grade construction, Gold plated contacts
- Micro Head with ProGrip™ HDMI connectors eliminates loose connections
- SureLength™ indicators make it easy to organize for installs
- Deep Color, Audio Return Channel
- Ethernet Capable
- CL3 Rated for In Wall Use
- Lifetime Warranty

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 30hz 444 8bit

Color Bit Depth: 8 Bit

Data Speed: Up to 10.2 Gbps

Ethernet Capability: Yes

HDCP Compliant: Yes

CEC Compliant: Yes

HDMI ATC Certified: No

Max Distance: Up to 50ft

Resolution and Refresh Rate: Up to 4K@30fps and 8 Bit Color Space or 1080p@60fps and 16bit Color Space

Performance Grade: Best/Commercial Grade

Signal Technology Versions: HDMI 1.4

Connections

Connector Side 1: HDMI Male 19 Pin Type A

Connector Side 2: HDMI Male 19 Pin Type A

Environmental

Temperature Rating: 80°C

Physical Characteristics

Bend Radius: 0

Cable Outer Diameter (OD): 25 and 35ft : 7.0mm ; 50 ft : 8.0mm

Conductors: 19 pins

Color: Jet Black

Connector Finish: 24k Gold Plated

Directional: Yes

Gauge (AWG): 25ft & 35ft: 28 gauge, 50ft: 28/24 gauge

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



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Specifications

Power & Electrical

DC Resistance: at 20°C MAX 28AWG: 237.25Ω/km; 24AWG:93.25Ω/km;
Insulation Resistance: 10MW-km min at 20°C dc 500V.(EIA-364-21)
Nominal Attenuation: at 0.30~825MHz 5dB/3.5M; at 825~2475MHz 12dB/3.5M;
at 2475~4125MHz 20dB/3.5M;
at 4125~5100MHz 25dB/3.5M;
Skew: Intra pair Max 111ps/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. 50ft: 2.56lbs

UPC code

MHD-MHD-25PROBLKA: 808447081534
MHD-MHD-35PROBLKA: 808447081541
MHD-MHD-50PROBLKA: 808447081558

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