



## Pro AV/IT Specialist Series™ 4K DisplayPort 1.2a Cables

### Designed for AV/IT Tech and Media Specialists

Tech and Media Specialists are constantly setting up various AV and IT configurations as well as doing light AV/IT installation work for small meeting spaces, on-site and remote presentations and events. Specialist Series™ cables were designed specifically to meet the demands of AV and IT at Universities, Colleges, K12, Small to Medium Business (SMB) and other commercial environments.

Many times standard cables are lacking in reliability and performance for important AV/IT systems set up and full-blown integration cables are simply more than is required...that's where Comprehensive Specialist Cables come in. Specialist Series™ cables are the perfect blend of performance, reliability, and value for almost every day-to-day commercial on-site AV/IT need.

### Improved Performance and Reliability Compared to Standard Cables

Specialist Series™ Cables are specifically made for the day to day demands in enterprise, education and other commercial environments and are up to 2X more durable than Standard cables. Specialist Series™ Cables use superior components through-out including copper and aluminum shielding, a specially formulated PVC jacket, enhanced strain relief and a durable machined aluminum (or ABS) connector head for high performance and to ensure that your AV/IT set up is always up and running.

### High-Definition 4K@60

Comprehensive's Specialist Series™ DisplayPort 1.2a cable is a performance digital AV cable delivering up to 4096 x 2160@ 60Hz resolution with a maximum HBR2 bandwidth and 21.6Gbps speed. This allows for full 4K resolution on all compatible DP 1.2a enabled 4K monitors.

### Backwards Compatibility

The DisplayPort 4K 1.2a cables are backward compatible with DP 1.2 and 1.1 versions making them versatile and easy to use with various displays and devices. The locking latches provide a secure connection to both your DisplayPort equipped device and display.

### Multi-Stream Transport (MST) Technology & DPCP Content Protection

The DP 1.2a Specialist Series™ cable supports Multi-Stream Transport (MST) function for daisy-chain connection of multiple monitors. It supports the DPCP (DisplayPort Content Protection) and HDCP content protection.

### Peace of Mind in Every Connection™

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 IT 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.

## Features

- Designed for on-site AV/IT use and light integration in higher education, K12, SMB and other commercial environments
- Up to 2X more durable and reliable than standard cables
- Supports maximum resolution 4096 x 2160@ 60Hz
- 21.6 Gbps Max Bandwidth with up to 17.28 Gbps data speed
- Locking latches ensure cables always stay connected until released
- Supports Multi-Stream Transport (MST) for daisy-chaining multiple monitors
- High-Bandwidth Digital Content Protection (HDCP 2.2) for a secure connection between source and display
- Backwards compatible support for DP 1.2 & 1.1
- Up to 32 audio channels (LPCM) and 21:9 aspect ratio



**DP-4K-3SP**

3ft

**DP-4K-10SP**

10ft

**DP-4K-6SP**

6ft

**DP-4K-15SP**

15ft



## Pro AV/IT Specialist Series™ 4K DisplayPort 1.2a Cables

### Features

- Multi-Stream Audio (up to 4)
- Molded 24k Gold Plated DP male latched connectors on each end
- RoHS Certified and UL Rated
- Lifetime Warranty



### 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): No
- Chroma Sampling: Up to 4:4:4
- Color Bit Depth: Up to 24 bit color depth
- Data Speed: 21.6 Gbps Max Bandwidth w/17.28 Gbps Max data speed
- Ethernet Capability: No
- HDCP Compliant: Yes
- CEC Compliant: Yes
- Certified: No
- Max Distance: Up to 15ft
- Max Resolution: 4096 x 2160@ 60Hz
- Performance Grade: Professional Grade
- Signal Technology Version: DP 1.2a HBR2

#### Physical Characteristics

- Bend Radius: 1.35"
- Cable Outer Diameter (OD): 7.3 mm ± 0.25 mm
- Conductors : Tinned copper
- Color: Jet Black
- Connector Finish: 24k Gold Plated
- Dimensions (W x H x D): Connector : 0.8" W; 1.48" H; 0.42" D
- Directional: Bi-directional
- Gauge (AWG): 30AWG
- Jacket Type: PVC
- Packaging: Ziplock Bag
- Shielding: Aluminum foil 100% coverage with 25% overlapping  
75% braided Tin Copper shield

#### Connections

- Connector Side 1: DP Male
- Connector Side 2: DP Male

#### Environmental

- Temperature Rating: 0-70 °C

#### Power & Electrical

- DC Resistance: 100 Ω ±10 ohms
- Insulation Resistance: 100 Ω
- Nominal Attenuation: 37.1 dB or less @ 15ft
- Skew: 4 ns per 3 m
- Voltage: 30 volts

#### Regulatory

- VESA Certification: No
- CE: Yes
- CL Rated: VW-1
- Prop 65 Compliant: No
- Rohs Compliant: Yes
- UL Rated: Yes

#### Weight (Shipping)

- 3ft: 0.25 lbs
- 6ft: 0.45 lbs
- 10ft: 0.85 lbs
- 15ft: 1.35 lbs

#### Warranty

- Worry-Free Lifetime

DISPLAYPORT CABLES