

4K DisplayPort Active Optical Cable

XTENDEX®

Extend a 4Kx2K 60Hz 4:4:4 DisplayPort display up to 100 meters (328 feet)

- High speed and long distance transmission by optical system up to 100 meters (328 feet).
- Supports Ultra-HD 4Kx2K resolutions to 4096x2160 (60Hz), 2K resolution 2048x1080, HDTV resolutions to 1080p, and computer resolutions to 1920x1200.
- No loss of signal – delivering crystal clear digital images instantly.
- Compliant with DisplayPort v1.2a specifications.
- HDCP 2.2 compliant.
- No external power required.
- Video bandwidth: 5.4Gbps per channel (21.6Gbps total)
- Optical fibers immune to signal noise.
- Low RFI/EMI for sensitive applications.
- Supports Plug-n-Play specification.
- EDID learning for the support of any DisplayPort display device.
- Thin and ultra-lightweight construction.
- Ideal solution for many applications, including:
 - Digital Signage
 - Medical Imaging Equipment
 - Airplane On-board Video System
 - Home Theater
 - TV Broadcast Station
 - Conference Room Video Equipment



XTENDEX DP4K21GB-FO-10M-MM

- **Extend Ultra-HD 4Kx2K 60Hz 4:4:4 to 100 meters**
- **HDCP 2.2**
- **No power supply required**

The XTENDEX® 4K DisplayPort Active Optical Cable locates an Ultra-HD 4Kx2K 60Hz 4:4:4 DisplayPort display up to 100 meters (328 feet) from a video source. Using optical fiber, the DP4K21GB-FO-xxM-MM provides high reliability DisplayPort signal transmission with zero signal loss in high noise environments.

Specifications

- Connectors: Male DisplayPort connectors.
- Resolutions: supports resolutions up to Ultra-HD 4Kx2K 4:4:4 (4096x2160@60Hz).
- Supports HDCP 2.2/1.4
- Frame rate: 60fps
- Video bandwidth: 5.4Gbps per channel (21.6Gbps total)
- Cable Thickness: 4.8mm (0.189 in)
- Bend radius: up to 48mm (1.89 in)
- Available lengths: 10/30/50/70/100 meters

Environmental

- Operating temperature: 32 to 122°F (0 to 50°C)
- Storage temperature: -4 to 185°F (-20 to 85°C).
- Operating and storage humidity: 5% to 85% non-condensing RH.

Regulatory Approvals

- CE, FCC, RoHS

Warranty

- Two years