



4K 18Gbps HDMI IR-OM3 MM Fiber Extenders

EXF-300-H2

SKU: 20562 UPC: 814303000000

WyreStorm's first fiber-optical extender, ensuring perfect transmission of 18Gbps HDMI signals to 300m/984ft. The EXF-300-H2, is compatible with 2160p 4:4:4/60 or high frame rate HDR content with HDCP 2.2 encryption and will send it via a 10G OM3 multi-mode cable, without any effect from EM or RF interference along the way.

Features

Extends 18Gbps HDMI transmissions using multimode fiber up to 300m/984ft

Compatible with the latest HDR-10 content and 4K/60 4:4:4

HDCP 2.2 compliant

Passes IR or RS-232 control signals bidirectionally

Ideal for long distance transmission in environments with high-levels of EM or RF interference

Audio and Video Inputs 1x HDMI: 19-pin type A 1x SFP+ Outputs 1x SFP+ 1x HDMI: 19-pin type A Output Video Encoding TMDS over fiber Encoding Data Rate 10Gbps Audio Formats 2ch Analog/PCM | Multichannel: LPCM and Up to Dolby TrueHD and DTS-HD Master Audio Video Resolutions (Max) 1920x1080p @60Hz 12bit 15m/49ft 300m/984ft 1920x1080p @60Hz 16bit 7m/23ft 300m/984ft 3840x2160p @24Hz 10bit 4:2:0 HDR 3m/10ft 300m/984ft 3840x2160p @30Hz 8bit 4:4:4 7m/23ft 300m/984ft 3840x2160p @60Hz 10bit 4:2:0 HDR 3m/10ft 300m/984ft 4096x2160p @60Hz 8bit 4:2:0 7m/23ft 300m/984ft 4096x2160p @60Hz 8bit 4:4:4 7m/23ft 300m/984ft Supported Standards DCI | RGB | HDR | HDR10 | Dolby Vision up to 30Hz | HLG | BT.2020 | BT.2100 Maximum Pixel Clock 600MHz Communication and Control HDMI HDMI | HDCP 2.2 | EDID | DVI/D supported with adapter (not included) Fiber Multimode HDMI | HDCP 2.2 | EDID IR 1x IR RX: 3.5mm (1/8in) TRS Stereo | 1x IR TX: 3.5mm (1/8in) TS Mono | Bidirectional over OM3 RS-232 1x RS-232: 3-pin Phoenix | Bidirectional over OM3 Power Power Supply 12V DC .5A Max Power Consumption 4W Environmental Operating Temperature 0 ~ +45°C (32 ~ +113 °F) | 10% ~ 90% non-condensing Storage Temperature -20 ~ +70°C (-4 ~ +158 °F) | 10% ~ 90% non-condensing Maximum BTU 14 BTU/hr Dimensions and Weight Rack Units | Wall Box <1U Height With | Without Feet 20mm/0.79in Width With | Without Brackets 150mm/5.91in Depth With | Without Handles 74.4mm/2.93in Weight 0.3kg/0.66lbs Regulatory Safety and Emission CE | FCC | RoHS