



visual engineering
LIGHTWARE

Mfr No. HDMI20-OPTJ-TX90
Rentex No. FIB0320

The HDMI20-OPTJ-TX90 and HDMI20-OPTJ-RX90 are HDMI 2.0 compatible optical fiber extenders. These units transfer uncompressed HDMI 2.0 class signals with embedded audio to up to 600m distance, over one MultiMode fiber cable.

Data Rate	18 Gbps (6 Gbps per color)
Resolution	Up to 4K@60Hz with RGB 4:4:4
Maximum Extension Distance (Cable: OM4)	600 m (Resolution: 4K@60Hz with RGB 4:4:4)
EDID emulation	Transparent EDID
HDR Modes	HDR 10, HDR 12 and Dolby Vision
Micro-USB B cable	Power Feed and Firmware Upgrade
Power consumptionTX (1080p60 / 4K60)	1,5 W / 2W
Power consumptionRX (1080p60 / 4K60):	0,8 W / 1W
Maximum resolution	3840x2160@60 Hz36 bit deep color support
Connector type	19-pole HDMI Type A plug
Enclosure dimension	110,5 W x 35,5 D x 11x4 H (mm)
Operating temperature	0 to +50°C (+32 to +122°F)
Power connector	USB-A plug
HDCP compliency	HDCP 1.4 and HDCP 2.2
Weight	130 g

FEATURES

- Sent out with adapters for LC- ST and ST-LC
- Resolutions up to 4K@60Hz with RGB 4:4:4 colorspace
- HDMI 2.0, HDMI 1.x and DVI 1.0 compliant
- HDCP 2.2, HDCP 1.4 compliant and CEC, EDID transparent
- 3D signal compatibility with frame packing, side-by-side and topbottom formats
- SC connector: one MultiMode fiber cable to up to 600 m distance
- 2500 m extension range for FullHD signals

