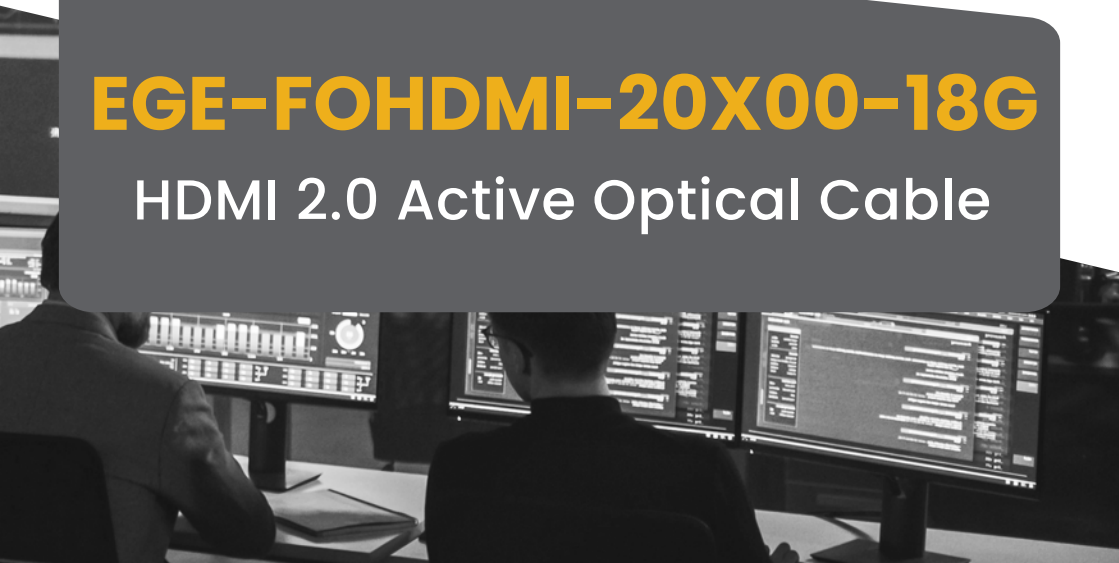


geratech®



EGE-FOHDMI-20X00-18G

HDMI 2.0 Active Optical Cable





Descriptions

Our HDMI Active Hybrid Cable is the most competitive long reach HDMI interconnection solution on the market. It supports HDMI Maximum Data Rate 6Gbps with light weight, flexible and ultra-small long-term bending radius (45mm) hybrid cable. With our advanced optical engine embedded. This HDMI Hybrid Cable provides full HDMI signal integrity, support up to 100m maximum length, plug and play. No external power required.

Key Features

- Up to 100m Maximum Length.
- Supports a wide range of resolutions up to 4K@60Hz (color space 4:4:4) 3D and Deep color
- Plug and Play
- Supports Multi-channel audio, Dolby True HD, DTS-HD Master Audio
- Compatible with HDMI 2.0 standard:EDID,CEC,HDCP (2.2), HDR (High Dynamic Range)
- HEC,ARC etc.
- No loss of signal – delivering crystal clear digital images instantly.
- Reduced EMI and RFI
- Has high pulling strength and compression load
- Has Source&Display clearly printed on the connector for easy identification
- Support 18G super speed
- Hybrid optical cable with fiber and copper wire

Item	Description	
Units	Transmitter (Source)	Receiver (Sink)
HDCP & DDC	HDCP 2.0 Fully Support bi-directional EDID and HDCP communication	
Video Bandwidth	6 Gbps/x3Channel (max)+ Clock.	
Supported Resolution & Distance	PC: WUXGA 1920 x 1200 up to 100 meters, HDTV : 480p, 720p, 1080i and 1080p deep color, 4K(60P), 3DFull HD 1920 x 1080 up to 100 meters	
O/E Converter	4 channel 850 nm VCSEL array	4 CH GaAs PD array
Connector Type	HDMI type A	
Cable Type	Hybrid type with OM3 fiber and copper wire	
Cable Length	10m/30m/40m/50m/100m	
Cable Outer Diameter	4.5mm	
Jacket Outer Material	PVC	
Cable Filler	Kevlar	
Cable Color	Black	
Differential Input	100 ohm (typ)	
Power Consumption	250mW (max)	
Power Supply	Non external power required	



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