SY Centaur hybrid AOC

sy

Applications:
Connect 4K sources and display for the best image and HDR effect.

Ideal use:
High end 4K home AV systems. An Ideal cable for connection between 4K UHD HD sources and projectors

The SY Centaur-18G Hybrid AOC

- **4K at the by laser light**
  The fibre optic technology is ready in its current form to exceed HDMI requirements.
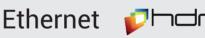- **Guaranteed to support full HDMI 2.0v features**
  3840x2160 (supports 4096x2160), HDR, REC. 2020, 8/10/12/16bit, RGB, YCbCr 4:2:0/4:2:2/4:4:4, 24-60Hz, etc.
- **18Gbps. Nearly twice as fast as HDBaseT**
  Creates the richest images from your Blu-ray with the greatest HDR colours.
- **Metal plugs**
  Preventing emission of RF and interference of WiFi transmission. Ideal solution for multi connector set up such as a rack.
- **Compact. Light. Easy to conceal**
  Nearly 55% lighter than CATx.
- **The latest laser technology**

7.5m, 10m, 15m, 20m, 30m
additional lengths by special order:
40,50,60,70,80,90,100m

4K 60H 4:4:4

VCSEL
HDMI by Laser beam

Advance Nano Technology production

ARC
Audio return channel

Ethernet

hdr

18Gbps

SY Stealth 18G AOC Link
High speeds long distance 18Gbps connection via laser beam
Centaur 18G AOC

ARC

Max. Resolution 3840x2160
Support for 4190x2160
ARC
RGB to 16Bits colour depth
REC.2020.
24 to 60Hz refresh rate.
4:2:0/4:2:2/4:4:4 Colour Sub Sampling.
1536Hz max audio frequency.
192/24 max audio resolution.
Simultaneous dual video stream
HDR
Dolby Vision
HLG

Standard lengths:
7.5,10,5,20,30m
Available by special order:
40,50,60,70,80,90,100m

4K hdr 18Gbps

- 18Gbps
- HDR 1.07 Billion colours
- ARC channel

Plug and Play, Instant long distance 18Gbps connection.
4K by laser beam.
Slimmer. Faster. Lighter.

Best HDR performance.
ARC.
System on chip build with the latest nanotechnology.

SPECIFICATIONS

Video resolution	VESA and SMPTE 480p to 2160p with 3D. (All resolutions to: Supports 3840x2160p @24 to 60Hz 4:2:0 to 4:4:4 Colour depth of 8/10/12/16bit. Supports 4096x2160
BANDWIDTH	18Gbps
HDCP	Compatible with all versions up to 2.2v
FEATURES	ARC, Ethernet, Up to 32 audio channels, up to 1536kHz audio sample frequency, up to 192/24 audio resolution. Various other HDMI features included in HDMI 2.0v format.
	Simultaneous dual video streams, simultaneous audio streams, support for 21:9 aspect ratio, extended CEC protocol, Support HDR, HDR10, Dolby vision, HLG, REC.2020
CONNECTOR	Die cast HDMI type A 19 pins
CONDUCTOR	OM3 Multi-mode optical fibre for Data (3x TMDS + CLK) and Copper lines for DDC Channels (ARC, EDID, HDCP etc)
SLEEVE	PVC
Dimensions and Weights	
Length	7.5/10/15/20/30/40/50/60/70/80/90/100m
OTHER	DDC, CEC, 5V, HEAC, Ethernet, ARC

HDBT **HDMI**

+44(0)161 868 3450 www.sy.uk