

## Magenta Research MG-AOC-661-30 HDMI 2.0 Active Optical Cable 100ft (30m)

Item	Description
HDCP & DDC	HDCP 2.0 fully supports bi-directional EDID and HDCP communication
Video Bandwidth	6 Gbps/x3Channel (max) + Clock
Supported Resolutions & 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 (Source) 4 CH GaAs PD array (Sink)
Connector Type	HDMI 2.0 type A
Cable Type	Hybrid type with OM3 fiber and copper wire
Cable Outer Diameter	4.5mm
Jacket Outer Material	PVC (MG-AOC-661-XXX) Plenum (MG-AOC-662-XXX)
Cable Weight	TBD
Cable Color	Black
Maximum Tensile Load	15kg
Minimum Bend Radium	20mm
Differential Input	100 ohm (typical)
Power Consumption	250mW (max)
Power Supply	No external power required