

# Magenta Research MG-AOC-881-10 33ft/10m DisplayPort 1.4 Active Optical Cable

Item	Description
Standards Compliance	DisplayPort 1.4 / HBR3, HDCP 1.4 / 2.2 Fully Supports bi-directional EDID and HDCP communication
Video Bandwidth	Supports up to 8.1 Gbps per lane, 32Gbps Total
Max Color Depth	48bits
Maximum Resolution & Distance	8K @ 60hz
O/E Converter	4x 850 nm multi-mode VCSELs (Source) 4x GaAs PIN Photo Diodes (Sink)
Connector Type	20 pin DisplayPort version 1.4
Cable Length	30m/50m/100m (with +/-30cm tolerance)
Cable Outer Diameter	4.8mm
Jacket Outer Material	PVC (MG-AOC-881-xxx) Plenum (MG-AOC-882-xxx)
Cable Weight	TBD
Cable Color	Black
Maximum Tensile Load	30.5kg
Minimum Bend Radius	48mm
Power Consumption	Less than 0.5 watt each end
Power Supply	No external power required, powered from DisplayPort source device