

# Magenta Research MG-AOC-882-60 196ft/60m DisplayPort 1.4 Active Plenum Optical Cable

| Item                          | Description   |
|-------------------------------|---|
| Standards Compliance          | DisplayPort 1.4 / HBR3, HDCP 1.4 / 2.2<br>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                                  |