TeraWire™
Active Optical Cable

“Optical Video Link from Smart Device to Big Screen”

HDMI 2.0

Ultra-compact AOC solution, supporting HDMI transmission

Supports Ultra HD (2160p@60Hz)
Distances up to 50m (Mobile : 20m)
Up to 32 audio channels
Up to 1536 kHz audio sample frequency
HDMI 2.0 compliance
HDCP 2.2 content protection
CEC support
No external power required

HDMI 2.0 (Plenum) A to A
HDMI 2.0 (Mobile) A to A
HDMI 2.0 (Mobile) D to A

www.optomind.co.kr
Physical Dimension

Source

Sink

A to A

D to A

Ordering Information

C HC AA 4 HP OOO X YY

C HB AA 4 HP OOO X YY

C HB DA 4 HP OOO X YY

Length
003 : 3m
010 : 10m
015 : 15m
020 : 20m

Customer ID

Cable Color
W : White
K : Orange

Applications

- Digital signage
- Surveillance
- Home theatre
- Conference room
- Control centers
- Auditorium
- Medical imaging
- Stadium

Specifications

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supported Resolution</td>
<td>2160p@50Hz</td>
<td></td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>0~50</td>
<td>°C</td>
</tr>
<tr>
<td>Cable Length</td>
<td>Up to 50 (mobile : Up to 20)</td>
<td>m</td>
</tr>
<tr>
<td>Cable Diameter</td>
<td>3.0</td>
<td>mm</td>
</tr>
<tr>
<td>Item Weight (for 3m)</td>
<td>39</td>
<td>g</td>
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<tr>
<td>Connector</td>
<td>HDMI Type A / HDMI Type D to HDMI Type A</td>
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<tr>
<td>Power Consumption</td>
<td>Max. 375 (2160p@60Hz)</td>
<td>mW</td>
</tr>
<tr>
<td>Data Rate</td>
<td>up to 18</td>
<td>Gbps</td>
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<tr>
<td>Cable Type</td>
<td>Hybrid</td>
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<tr>
<td>HDMI Compliance</td>
<td>2.0</td>
<td></td>
</tr>
<tr>
<td>HDCP Compliance</td>
<td>2.2 content protection</td>
<td></td>
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<tr>
<td>Pull Strength</td>
<td>200 (Mobile : 100)</td>
<td>kgf</td>
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</tbody>
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