HITRONIC® HDM Cable

Mini breakout/distribution cable designed for frequent reeling and unreeling, reelable

HITRONIC® HDM cable, reelable for different applications with 4, 6 or 8 buffered fibres, suitable for repeated reeling and unreeling
A/J-V(ZN)11Y

Info
Mobile field cables

- Halogen-free
- Mechanical resistance
- Low weight
- Optimum strain relief
- UV-resistant

Benefits
Suitable for field application
Reelable for mobile use
Very easy to install due to small dimensions, high flexibility, and small bending radius
Zero electromagnetic interference as the cable contains no metal (totally dielectric)

Application range
Light & sound technology
For indoor and outdoor use
Industrial environments
TV broadcasts
Camera technology
Building monitoring
Field application

Last Update (29.09.2021)
©2021 Lapp Group - Technical changes reserved
Product Management www.lappkabel.de
You can find the current technical data in the corresponding data sheet.
PN 0456 / 02_03.16
HITRONIC® HDM Cable

Product features
Based on military norm MIL-C-85045
Highly flexible, reelable and tensile strength
Colour-coded tight buffered fibres
for easy channel identification
Outer sheath halogen-free
Mechanically robust

Product Make-up
Up to 12 tight-buffered fibres (900µm)
Colour-coded
Aramid yarns as strain relief
PUR outer sheath
Colour: black (RAL 9005)

Technical Data
Classification ETIM 5:
ETIM 5.0 Class-ID: EC000034
ETIM 5.0 Class-Description: Fibre optic cable

Classification ETIM 6:
ETIM 6.0 Class-ID: EC000034
ETIM 6.0 Class-Description: Fibre optic cable

Dimensions:
tight-buffer (secondary coated fibre): 900µm
Cable: see table

Core identification code:
Buffered-fibre colour code see
data sheet

Fibre type:
GOF - Glass Optical Fibre

Standard designation:
A/J-V(ZN)11Y

Optical values:
see data sheet

Optical fibre type:
Core material: glass
Cladding material: glass

Permissible bending radius:
Static: ≥ 15 x outer diameter
Dynamic: ≥ 20 x outer diameter

Temperature range:
Fixed installation: -40°C to +70°C
Flexible use: -20°C to +60°C

Note
Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
The cables can also be supplied as pre-terminated fibre optic trunks.
Photographs and graphics are not to scale and do not represent detailed images of the respective products.
Prices are net prices without VAT and surcharges. Sale to business customers only.
<table>
<thead>
<tr>
<th>Article number</th>
<th>Article designation</th>
<th>Fibre type</th>
<th>Number of fibres</th>
<th>Outer diameter [mm]</th>
<th>Weight (kg/km)</th>
</tr>
</thead>
<tbody>
<tr>
<td>26610404</td>
<td>HITRONIC® HDM600 4G 50/125 OM4</td>
<td>50/125 OM4</td>
<td>4</td>
<td>5.5</td>
<td>24</td>
</tr>
<tr>
<td>26610406</td>
<td>HITRONIC® HDM600 6G 50/125 OM4</td>
<td>50/125 OM4</td>
<td>6</td>
<td>5.6</td>
<td>29</td>
</tr>
<tr>
<td>26610408</td>
<td>HITRONIC® HDM700 8G 50/125 OM4</td>
<td>50/125 OM4</td>
<td>8</td>
<td>6.2</td>
<td>36</td>
</tr>
<tr>
<td>26610304</td>
<td>HITRONIC® HDM600 4G 50/125 OM3</td>
<td>50/125 OM3</td>
<td>4</td>
<td>5.5</td>
<td>24</td>
</tr>
<tr>
<td>26610306</td>
<td>HITRONIC® HDM600 6G 50/125 OM3</td>
<td>50/125 OM3</td>
<td>6</td>
<td>5.6</td>
<td>29</td>
</tr>
<tr>
<td>26610308</td>
<td>HITRONIC® HDM700 8G 50/125 OM3</td>
<td>50/125 OM3</td>
<td>8</td>
<td>6.2</td>
<td>36</td>
</tr>
<tr>
<td>26610204</td>
<td>HITRONIC® HDM600 4G 50/125 OM2</td>
<td>50/125 OM2</td>
<td>4</td>
<td>5.5</td>
<td>24</td>
</tr>
<tr>
<td>26610206</td>
<td>HITRONIC® HDM600 6G 50/125 OM2</td>
<td>50/125 OM2</td>
<td>6</td>
<td>5.6</td>
<td>29</td>
</tr>
<tr>
<td>26610208</td>
<td>HITRONIC® HDM700 8G 50/125 OM2</td>
<td>50/125 OM2</td>
<td>8</td>
<td>6.2</td>
<td>36</td>
</tr>
<tr>
<td>26610104</td>
<td>HITRONIC® HDM600 4G 62.5/125 OM1</td>
<td>62.5/125 OM1</td>
<td>4</td>
<td>5.5</td>
<td>24</td>
</tr>
<tr>
<td>26610106</td>
<td>HITRONIC® HDM600 6G 62.5/125 OM1</td>
<td>62.5/125 OM1</td>
<td>6</td>
<td>5.6</td>
<td>29</td>
</tr>
<tr>
<td>26610108</td>
<td>HITRONIC® HDM700 8G 62.5/125 OM1</td>
<td>62.5/125 OM1</td>
<td>8</td>
<td>6.2</td>
<td>36</td>
</tr>
<tr>
<td>26610904</td>
<td>HITRONIC® HDM600 4E9/125 OS2</td>
<td>9/125 OS2</td>
<td>4</td>
<td>5.5</td>
<td>24</td>
</tr>
<tr>
<td>26610906</td>
<td>HITRONIC® HDM600 6E9/125 OS2</td>
<td>9/125 OS2</td>
<td>6</td>
<td>5.6</td>
<td>29</td>
</tr>
<tr>
<td>26610908</td>
<td>HITRONIC® HDM700 8E9/125 OS2</td>
<td>9/125 OS2</td>
<td>8</td>
<td>6.2</td>
<td>36</td>
</tr>
<tr>
<td>26610912</td>
<td>HITRONIC® HDM700 12E9/125 OS2</td>
<td>9/125 OS2</td>
<td>12</td>
<td>6.7</td>
<td>49</td>
</tr>
</tbody>
</table>