


U.I. Lapp GmbH	<b>PRODUCT INFORMATION</b>	
	<b>HITRONIC® HVN Outdoor Cable</b>	<b>12.09.2012</b>

Suitable for direct burial  
 Easy to install due to the compact design, high flexibility, robust sheath and small bending radii  
 UV and water-resistant  
 Zero electromagnetic interference as the cable contains no metal



### Info

A-DQ(ZN)B2Y  
 Outdoor cable with stranded loose tubes and non-metallic strain relief

### Application range

For outdoor use  
 Campus backbone  
 WAN applications  
 Industrial environments  
 Methods of Deployment: empty plastic pipes, ducts and trays

### Design

Up to 12 stranded gel-filled loose tubes  
 Central GRP strength element  
 Water-blocking reinforced glass yarn strain relief  
 PE outer sheath  
 Colour: black (RAL 9005)

### Product features

Stranded loose tubes with up to 144 fibres (12 loose tubes with each 12 fibres)  
 Colour-coded fibres and loose tubes  
 Longitudinal watertight  
 Rodent-protection  
 Robust, halogen-free outer sheath

### Remark

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 are not to scale and do not represent detailed images of the respective products.  
 Other models are available upon request.

### Technical Data

Optical fibre type:	Core material: glass Cladding material: glass
Temperature range:	Fixed installation: -50 °C to +100 °C Occasional flexing: -30 °C to +70 °C
Permissible bending radius:	Static: $\geq 15 \times$ outer diameter Dynamic: $\geq 20 \times$ outer diameter
Permissible tensile force:	Fixed installation: 5000 N Short-term: 6000 N


Product Management	Document: LAPP_PRO206001EN.pdf	1 / 3
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Part number	Article designation	Fibre type	Number of fibres	Outer diameter (mm)	Weight (kg/km)
<b>Multimode G 50 OM3</b>					
26600324	HITRONIC® HVN5000 2x12G 50/125 OM3	50/125 OM3	24	11.0	64
26600348	HITRONIC® HVN5000 4x12G 50/125 OM3	50/125 OM3	48	11.0	84
<b>Single-mode E 9 OS2</b>					
26600924	HITRONIC® HVN5000 2x12E 9/125 OS2	9/125 OS2	24	11.0	64
26600948	HITRONIC® HVN5000 4x12E 9/125 OS2	9/125 OS2	48	11.0	84

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Product Management	Document: LAPP_PRO206001EN.pdf	3 / 3
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