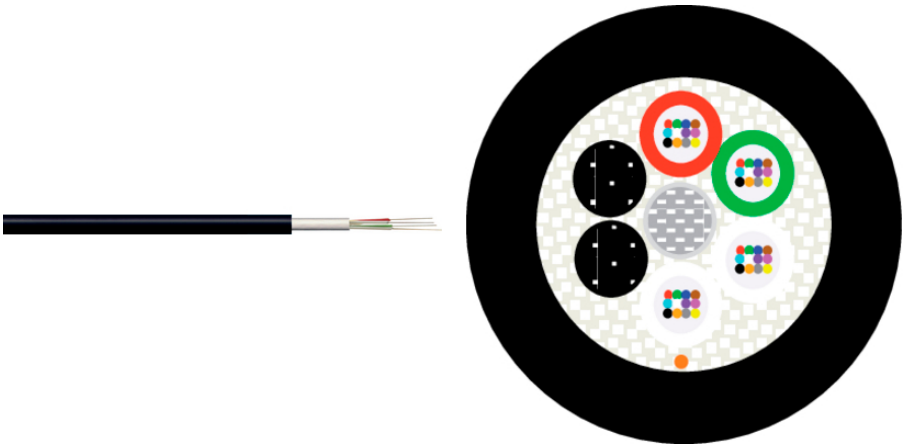
HITRONIC® HVN Outdoor Cable

Outdoor cable with stranded loose tubes and non-metallic strain relief

HITRONIC® HVN outdoor cable, with stranded loose tubes, rodent protection, dielectric
A-DQ(ZN)B2Y with n x 12 fibres

Info

For outdoor applications
Suitable for direct burial
Telecommunication cable, high number of fibers (up to 144)



Halogen-free

Mechanical resistance

Low weight

Optimum strain relief

UV-resistant

Waterproof

Benefits

Suitable for direct burial
Easy to install due to the compact design, high flexibility, robust sheath and small bending radii
UV-resistant
longitudinally and laterally watertight
Suitable for blowing-in technic
(low friction outer sheath)
Zero electromagnetic interference as the cable contains no metal (totally dielectric)

Application range

For outdoor use

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Product Management www.lappkabel.de
You can find the current technical data in the corresponding data sheet.
PN 0456 / 02_03.16

HITRONIC® HVN Outdoor Cable

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

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

Product Make-up

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)

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:	Primary coated fibre: 250µm Cable: see table
Core identification code:	Fibre colour code see data sheet
Fibre type:	GOF - Glass Optical Fibre
Standard designation:	A-DQ(ZN)B2Y
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

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.
Other models are available upon request.

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HITRONIC® HVN Outdoor Cable

PRODUCT INFORMATION

Article number	Article designation	Fibre type	Number of fibres	Outer diameter [mm]	Weight (kg/km)
Multimode G 50 OM4					
26600424	HITRONIC® HVN5000 2x12G 50/125 OM4	50/125 OM4	24	11	64
26600448	HITRONIC® HVN5000 4x12G 50/125 OM4	50/125 OM4	48	11	84
Multimode G 50 OM3					
26600324	HITRONIC® HVN5000 2x12G 50/125 OM3	50/125 OM3	24	11	64
26600348	HITRONIC® HVN5000 4x12G 50/125 OM3	50/125 OM3	48	11	84
Multimode G 50 OM2					
26600224	HITRONIC® HVN5000 2x12G 50/125 OM2	50/125 OM2	24	11	64
26600248	HITRONIC® HVN5000 4x12G 50/125 OM2	50/125 OM2	48	11	84
Single-mode E 9 OS2					
26600924	HITRONIC® HVN5000 2x12E 9/125 OS2	9/125 OS2	24	11	64
26600948	HITRONIC® HVN5000 4x12E 9/125 OS2	9/125 OS2	48	11	84

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