

HITRONIC® HVN Outdoor Cable



Info

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

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
- Zero electromagnetic interference as the cable contains no metal

Application range

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

Product features

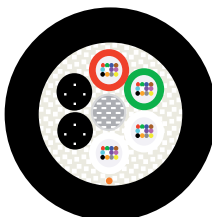
- Stranded loose tubes with up to 144 fibres (12 loose tubes with each 12 fibres)
- Colour-coded fibres and loose tubes
- Longitudinal watertight
- Rodent-protection
- Robust, halogen-free outer sheath

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

- Optical fibre type**
Core material: glass
Cladding material: glass
- Temperature range**
Fixed installation: -40°C to +70°C
- Permissible bending radius**
Static: ≥ 15 x outer diameter
Dynamic: ≥ 20 x outer diameter



Article number	Article designation	Fibre type	Number of fibres	Outer diameter (mm)	Weight (kg/km)
Multimode G 50 OM3					
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
Single-mode E 9 OS2					
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
HVN Telecom Single-mode E 9 OS2					
26601924	HITRONIC® HVN1500 2x12E 9/125 OS2	9/125 OS2	24	11.0	64
26601948	HITRONIC® HVN1500 4x12E 9/125 OS2	9/125 OS2	48	11.0	84
26601972	HITRONIC® HVN2000 6x12E 9/125 OS2	9/125 OS2	72	12.6	119
26601996	HITRONIC® HVN2000 8x12E 9/125 OS2	9/125 OS2	96	14.3	157
26601944	HITRONIC® HVN2000 12x12E 9/125 OS2	9/125 OS2	144	17.0	181
Multimode G 50 OM2					
26600224	HITRONIC® HVN5000 2x12G 50/125 OM2	50/125 OM2	24	11.0	64
26600248	HITRONIC® HVN5000 4x12G 50/125 OM2	50/125 OM2	48	11.0	84

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.

Similar products

- HITRONIC® HVN-Micro Outdoor Cable refer to page 469
- HITRONIC® HVW Armoured Outdoor Cable refer to page 471