

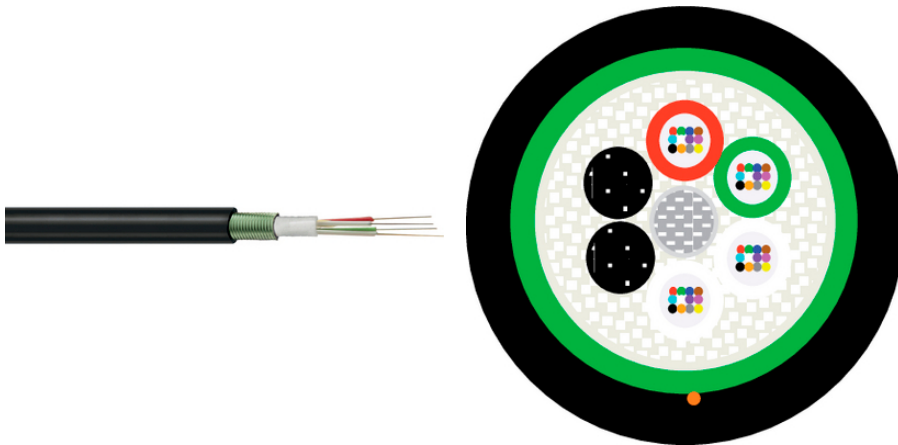
## HITRONIC® HVW Armoured Outdoor Cable

Outdoor cable with corrugated steel tape, stranded loose tubes and non-metallic strain relief

HITRONIC® HVW armoured outdoor cable with stranded loose tubes, corrugated steel tape  
A-DQ(ZN)B2Y(SR)2Y nx12 single-mode or multimode fibres

### Info

cable with corrugated steel tape (CST) for increased mechanical stress



Halogen-free



Mechanical resistance



Low weight



Optimum strain relief



UV-resistant



Waterproof

### Benefits

Armouring provides excellent protection against high mechanical stress and rodents

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

### Application range

Methods of Deployment: empty plastic pipes, ducts and trays

For outdoor use

Campus backbone

WAN applications

Last Update (24.04.2024)

©2024 Lapp Group - Technical changes reserved

Product Management [www.lappkabel.de](http://www.lappkabel.de)

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02\_03.16

## HITRONIC® HVW Armoured Outdoor Cable

Industrial environments

### 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  
Excellent rodent protection  
Robust, halogen-free outer sheath

### Product Make-up

Up to 12 stranded gel-filled loose tubes  
Water-blocking reinforced glass yarn strain relief  
Corrugated steel tape armour  
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)(SR)2Y
Optical values:	see data sheet
Optical fibre type:	Core material: glass Cladding material: glass
Permissible bending radius:	Static: $\geq 15$ x outer diameter Dynamic: $\geq 20$ x outer diameter
Permissible tensile force:	Fixed installation: 3000 N Short-term: 5000 N
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.

**HITRONIC® HVW Armoured Outdoor Cable**

Article number	Article designation	Fibre type	Number of fibres	Outer diameter [mm]	Weight (kg/km)
Single-mode E 9 OS2					
26900924	HITRONIC® HVW3000 2x12E 9/125 OS2	9/125 OS2	24	10	98
26900948	HITRONIC® HVW3000 4x12E 9/125 OS2	9/125 OS2	48	12.5	148
26900972	HITRONIC® HVW3000 6x12E 9/125 OS2	9/125 OS2	72	16	215
26900996	HITRONIC® HVW3000 8x12E 9/125 OS2	9/125 OS2	96	16	222
26900944	HITRONIC® HVW3000 12x12E 9/125 OS2	9/125 OS2	144	18.5	261

Last Update (24.04.2024)

©2024 Lapp Group - Technical changes reserved

Product Management [www.lappkabel.de](http://www.lappkabel.de)

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02\_03\_16