

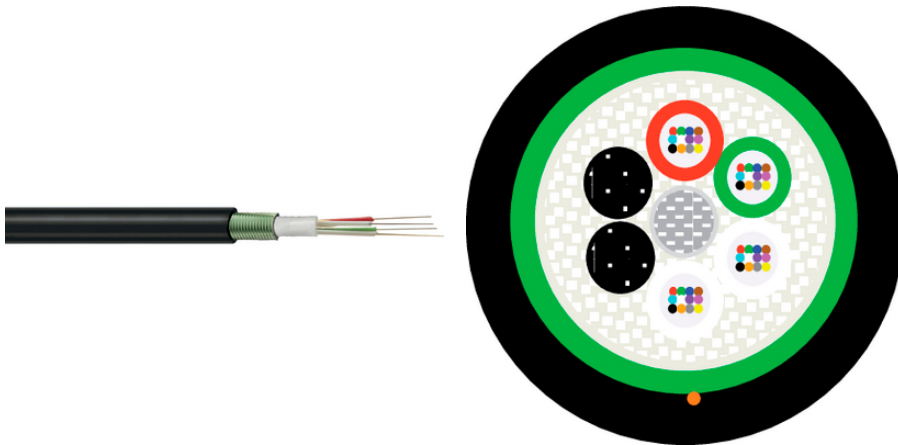
HITRONIC® HVW Armoured Outdoor Cable

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 (25.04.2024)

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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® 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: $\geq 15 \times$ outer diameter Dynamic: $\geq 20 \times$ 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.

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| 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 |