

GOF - Glass Optical Fibre HITRONIC® Outdoor Cables



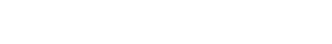














HITRONIC® HVW Armoured Outdoor Cable



- A-DQ(ZN)B2Y(SR)2Y
- Outdoor cable with corrugated steel tape armour, stranded loose tubes and non-metallic strain relief



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
- 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
- Corrugated steel tape armour
- 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



Permissible tensile force Fixed installation: 3000 N

Short-term: 5000 N

Article number	Article designation	Fibre type	Number of fibres	Outer diameter (mm)	Weight (kg/km)
Single-mode E 9 0 26900924	NS2 HITRONIC® HVW3000 2x12E 9/125 OS2	9/125 OS2	24	10.0	98
26900948	HITRONIC® HVW3000 4x12E 9/125 OS2	9/125 OS2	48	12.5	148
26900972 26900996	HITRONIC® HVW3000 6x12E 9/125 OS2 HITRONIC® HVW3000 8x12E 9/125 OS2	9/125 OS2 9/125 OS2	72 96	16.0 16.0	215 222
26900944	HITRONIC® HVW3000 12x12E 9/125 OS2	9/125 OS2	144	18.5	261

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.