

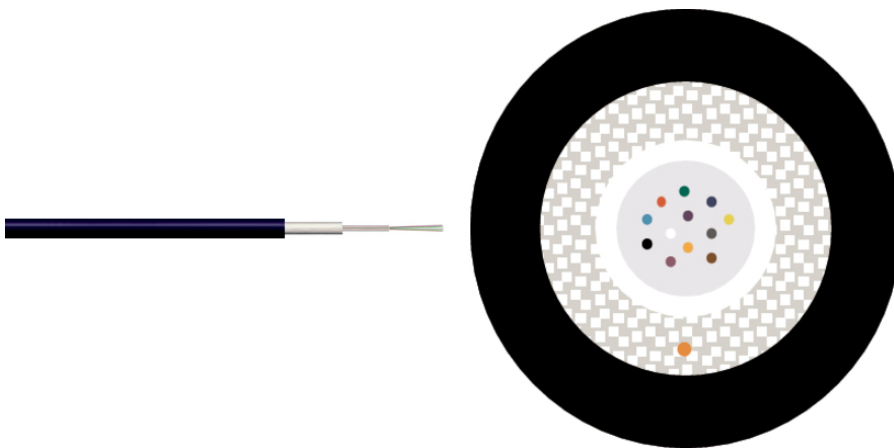
HITRONIC® HQN Outdoor Cable

Outdoor cable with central loose tube and non-metallic strain relief

HITRONIC® HQN outdoor cable with central loose tube, rodent protection, dielectric A-DQ(ZN)B2Y with 4, 8, 12 or 24 fibres

Info

For outdoor applications
Suitable for direct burial



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

Zero electromagnetic interference as the cable contains no metal (totally dielectric)

Suitable for blowing-in technic

(low friction outer sheath)

Application range

For outdoor use

Campus backbone

Last Update (26.01.2020)

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

PN 0456 / 02_03.16

HITRONIC® HQN Outdoor Cable

WAN applications
Industrial environments
Methods of Deployment: empty plastic pipes, ducts and trays
Suitable for blowing-in technics

Product features

Central loose tube with up to 24 fibres
Colour-coded fibres
Longitudinal watertight
Rodent-protection
Robust, halogen-free outer sheath

Product Make-up

Glass fibres with primary coating
Gel-filled loose tube
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: $\geq 15 \times$ outer diameter Dynamic: $\geq 20 \times$ outer diameter |
| Permissible tensile force: | Fixed installation: 1500 N Short-term: 3000 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.

Available on request with Multimode OM4 fibres.

HITRONIC® HQN Outdoor Cable

| Article number | Article designation | Fibre type | Number of fibres | Outer diameter [mm] | Weight (kg/km) |
|-----------------------------|---------------------------------------|--------------|------------------|---------------------|----------------|
| Multimode G 50 OM4 | | | | | |
| 27600404 | HITRONIC® HQN1500 4G 50/125 OM4 | 50/125 OM4 | 4 | 7.3 | 40 |
| 27600408 | HITRONIC® HQN1500 8G 50/125 OM4 | 50/125 OM4 | 8 | 7.3 | 40 |
| 27600412 | HITRONIC® HQN1500 12G 50/125 OM4 | 50/125 OM4 | 12 | 7.3 | 40 |
| 27600424 | HITRONIC® HQN1500 24G 50/125 OM4 | 50/125 OM4 | 24 | 8.3 | 65 |
| Multimode G 50 OM3 | | | | | |
| 27600304 | HITRONIC® HQN1500 4G 50/125 OM3 | 50/125 OM3 | 4 | 7.3 | 40 |
| 27600308 | HITRONIC® HQN1500 8G 50/125 OM3 | 50/125 OM3 | 8 | 7.3 | 40 |
| 27600312 | HITRONIC® HQN1500 12G 50/125 OM3 | 50/125 OM3 | 12 | 7.3 | 40 |
| 27600324 | HITRONIC® HQN1500 24G 50/125 OM3 | 50/125 OM3 | 24 | 8.3 | 65 |
| Multimode G 50 OM2 | | | | | |
| 27600204 | HITRONIC® HQN1500 4G 50/125 OM2 | 50/125 OM2 | 4 | 7.3 | 40 |
| 27600208 | HITRONIC® HQN1500 8G 50/125 OM2 | 50/125 OM2 | 8 | 7.3 | 40 |
| 27600212 | HITRONIC® HQN1500 12G 50/125 OM2 | 50/125 OM2 | 12 | 7.3 | 40 |
| 27600224 | HITRONIC® HQN1500 24G 50/125 OM2 | 50/125 OM2 | 24 | 8.3 | 65 |
| Multimode G 62.5 OM1 | | | | | |
| 27600104 | HITRONIC® HQN1500 4G 62.5/125 OM1 | 62.5/125 OM1 | 4 | 7.3 | 40 |
| 27600108 | HITRONIC® HQN1500 8G 62.5/125 OM1 | 62.5/125 OM1 | 8 | 7.3 | 40 |
| 27600112 | HITRONIC® HQN1500 12G 62.5/125 OM1 | 62.5/125 OM1 | 12 | 7.3 | 40 |
| 27600124 | HITRONIC® HQN1500 24G 62.5/125 OM1 | 62.5/125 OM1 | 24 | 8.3 | 65 |
| Single-mode E 9 OS2 | | | | | |
| 27600904 | HITRONIC® HQN1500 4E 9/125 OS2 | 9/125 OS2 | 4 | 7.3 | 40 |
| 27600908 | HITRONIC® HQN1500 8E 9/125 OS2 | 9/125 OS2 | 8 | 7.3 | 40 |

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| Article number | Article designation | Fibre type | Number of fibres | Outer diameter [mm] | Weight (kg/km) |
|----------------|------------------------------------|------------|------------------|---------------------|----------------|
| | 9/125 OS2 | | | | |
| 27600912 | HITRONIC® HQN1500 12E 9/125 OS2 | 9/125 OS2 | 12 | 7.3 | 40 |
| 27600924 | HITRONIC® HQN1500 24E 9/125 OS2 | 9/125 OS2 | 24 | 8.3 | 65 |

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