

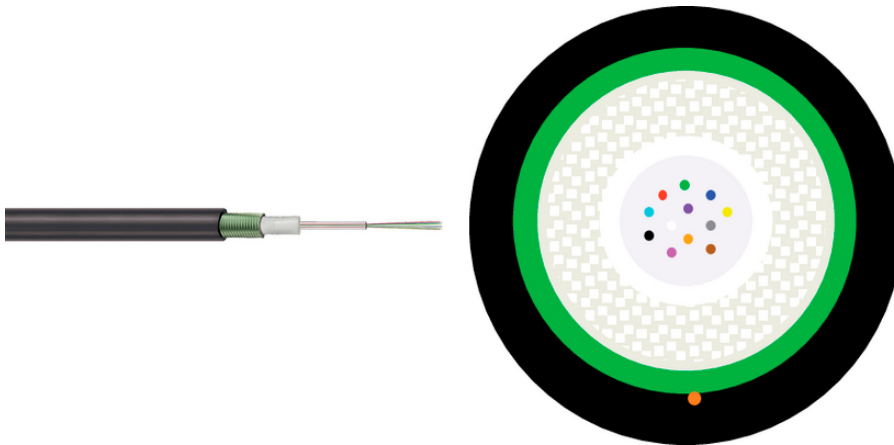
HITRONIC® HQW Armoured Outdoor Cable

Outdoor cable with corrugated steel tape, central loose tube, non-metallic strain relief

HITRONIC® HQW armoured outdoor cable with loose tubes, steel corrugated tape, rodent protection
A-DQ(ZN)(SR)2Y

Info

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



Halogen-free



Mechanical resistance



Low weight



Optimum strain relief



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

For outdoor use

Campus backbone

WAN applications

Industrial environments

Methods of Deployment: empty plastic pipes, ducts and trays

Last Update (22.12.2023)

©2023 Lapp Group - Technical changes reserved

Product Management www.lappkabel.de

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

PN 0456 / 02_03.16

HITRONIC® HQW Armoured Outdoor Cable

Product features

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

Product Make-up

Gel-filled loose tube
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.

HITRONIC® HQW Armoured Outdoor Cable

Article number	Article designation	Fibre type	Number of fibres	Outer diameter [mm]	Weight (kg/km)
Multimode G 50 OM4					
27900404	HITRONIC HQW3000 4G 50/125 OM4	50/125 OM4	4	9.6	88
27900408	HITRONIC HQW3000 8G 50/125 OM4	50/125 OM4	8	9.6	88
27900412	HITRONIC HQW3000 12G 50/125 OM4	50/125 OM4	12	9.6	88
27900424	HITRONIC HQW3000 24G 50/125 OM4	50/125 OM4	24	9.6	88
Multimode G 50 OM3					
27900304	HITRONIC® HQW3000 4G 50/125 OM3	50/125 OM3	4	9.6	88
27900308	HITRONIC® HQW3000 8G 50/125 OM3	50/125 OM3	8	9.6	88
27900312	HITRONIC® HQW3000 12G 50/125 OM3	50/125 OM3	12	9.6	88
27900324	HITRONIC® HQW3000 24G 50/125 OM3	50/125 OM3	24	9.6	88
Multimode G 50 OM2					
27900204	HITRONIC® HQW3000 4G 50/125 OM2	50/125 OM2	4	9.6	88
27900208	HITRONIC® HQW3000 8G 50/125 OM2	50/125 OM2	8	9.6	88
27900212	HITRONIC® HQW3000 12G 50/125 OM2	50/125 OM2	12	9.6	88
27900224	HITRONIC® HQW3000 24G 50/125 OM2	50/125 OM2	24	9.6	88
Multimode G 62.5 OM1					
27900104	HITRONIC® HQW3000 4G 62.5/125 OM1	62.5/125 OM1	4	9.6	88
27900108	HITRONIC® HQW3000 8G 62.5/125 OM1	62.5/125 OM1	8	9.6	88
27900112	HITRONIC® HQW3000 12G 62.5/125 OM1	62.5/125 OM1	12	9.6	88
27900124	HITRONIC® HQW3000 24G 62.5/125 OM1	62.5/125 OM1	24	9.6	88
Single-mode E 9 OS2					
27900904	HITRONIC® HQW3000 4E 9/125 OS2	9/125 OS2	4	9.6	88
27900908	HITRONIC® HQW3000 8E	9/125 OS2	8	9.6	88

HITRONIC® HQW Armoured Outdoor Cable

Article number	Article designation	Fibre type	Number of fibres	Outer diameter [mm]	Weight (kg/km)
	9/125 OS2				
27900912	HITRONIC® HQW3000 12E 9/125 OS2	9/125 OS2	12	9.6	88
27900924	HITRONIC® HQW3000 24E 9/125 OS2	9/125 OS2	24	9.6	88

Last Update (22.12.2023)

©2023 Lapp Group - Technical changes reserved

Product Management www.lappkabel.de

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

PN 0456 / 02_03.16