

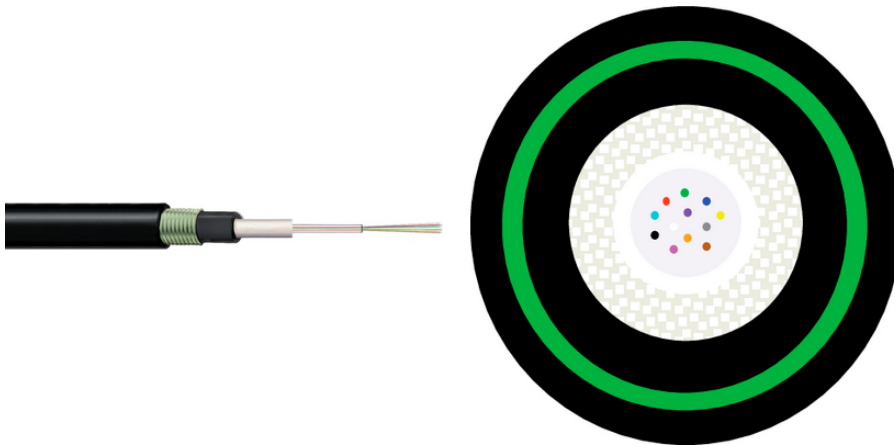
## HITRONIC® HQW-Plus Armoured Outdoor Cable

Outdoor cable with corrugated steel tape, central loose tube, non-metallic strain relief and PE inner and outer sheath

HITRONIC® HQW-Plus armoured outdoor cable, central loose tube, corrugated steel tape, inner and outer sheath  
A-DQ(ZN)B2Y(SR)2Y

### Info

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



Halogen-free



Mechanical resistance



Low weight



Optimum strain relief



UV-resistant



Waterproof

### Benefits

Additional sheath protects the fibres for use in harsh environments

Armouring provides excellent protection  
against high mechanical stress and rodents

Suitable for direct burial

UV-resistant

longitudinally and laterally watertight

### Application range

For outdoor use

Harsh industrial environment

Campus backbone

WAN applications

Last Update (23.04.2024)

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

PN 0456 / 02\_03.16

## HITRONIC® HQW-Plus Armoured Outdoor Cable

Methods of Deployment: empty plastic pipes, ducts and trays

### 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 inner and outer sheaths  
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(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

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-Plus Armoured Outdoor Cable**

Article number	Article designation	Fibre type	Number of fibres	Outer diameter [mm]	Weight (kg/km)
<b>Multimode G 50 OM4</b>					
27920404	HITRONIC HQW-Plus3000 4G 50/125 OM4	50/125 OM4	4	9.6	95
27920408	HITRONIC HQW-Plus3000 8G 50/125 OM4	50/125 OM4	8	9.6	95
27920412	HITRONIC HQW-Plus3000 12G 50/125 OM4	50/125 OM4	12	9.6	95
27920424	HITRONIC HQW-plus3000 24G 50/125 OM4	50/125 OM4	24	12.6	135
<b>Multimode G 50 OM3</b>					
27920304	HITRONIC® HQW-Plus3000 4G 50/125 OM3	50/125 OM3	4	9.6	95
27920308	HITRONIC® HQW-Plus3000 8G 50/125 OM3	50/125 OM3	8	9.6	95
27920312	HITRONIC® HQW-Plus3000 12G 50/125 OM3	50/125 OM3	12	9.6	95
27920324	HITRONIC® HQW-Plus3000 24G 50/125 OM3	50/125 OM3	24	12.6	135
<b>Multimode G 50 OM2</b>					
27920204	HITRONIC® HQW-Plus3000 4G 50/125 OM2	50/125 OM2	4	9.6	95
27920208	HITRONIC® HQW-Plus3000 8G 50/125 OM2	50/125 OM2	8	9.6	95
27920212	HITRONIC® HQW-Plus3000 12G 50/125 OM2	50/125 OM2	12	9.6	95
27920224	HITRONIC® HQW-Plus3000 24G 50/125 OM2	50/125 OM2	24	12.6	135
<b>Multimode G 62.5 OM1</b>					
27920104	HITRONIC® HQW-Plus3000 4G 62.5/125 OM1	62.5/125 OM1	4	9.6	95
27920108	HITRONIC® HQW-Plus3000 8G 62.5/125 OM1	62.5/125 OM1	8	9.6	95
27920112	HITRONIC® HQW-Plus3000 12G 62.5/125 OM1	62.5/125 OM1	12	9.6	95
27920124	HITRONIC® HQW-Plus3000 24G 62.5/125 OM1	62.5/125 OM1	24	12.6	135
<b>Single-mode E 9 OS2</b>					
27920904	HITRONIC® HQW-Plus3000 4E 9/125 OS2	9/125 OS2	4	9.6	95
27920908	HITRONIC® HQW-Plus3000	9/125 OS2	8	9.6	95

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**HITRONIC® HQW-Plus Armoured Outdoor Cable**

Article number	Article designation	Fibre type	Number of fibres	Outer diameter [mm]	Weight (kg/km)
	8E 9/125 OS2				
27920912	HITRONIC® HQW-Plus3000 12E 9/125 OS2	9/125 OS2	12	9.6	95
27920924	HITRONIC® HQW-Plus3000 24E 9/125 OS2	9/125 OS2	24	12.6	135

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