

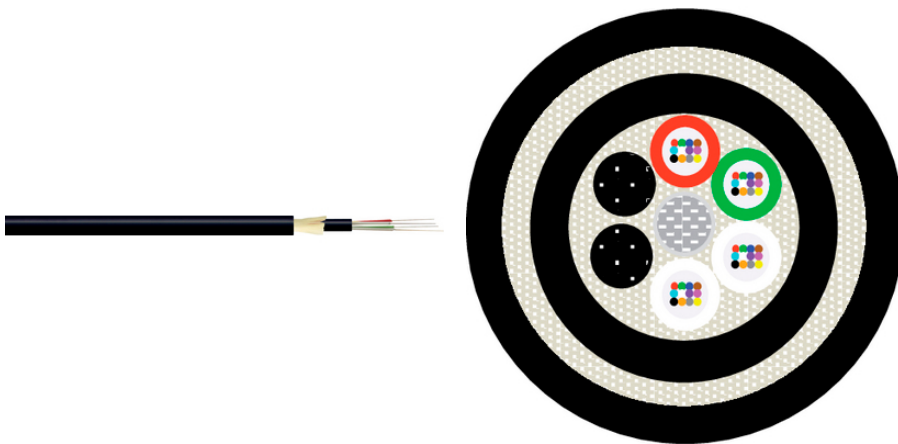
## HITRONIC® HQA-Plus Aerial Cable

Outdoor self-supporting aerial cable with stranded loose tubes, non-metallic strain relief and PE inner and outer sheath; ADSS cable type

HITRONIC® HQA ADSS plus cable, non-metallic, for outside plant aerial, double outer sheath  
A-DQ2Y(ZN)2Y

### Info

ADSS - All Dielectric Self Supporting  
For harsh weather conditions



Halogen-free



Mechanical resistance



Low weight



Optimum strain relief



UV-resistant



Waterproof

### Benefits

Designed to withstand harsh weather conditions

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)

### Application range

For long span widths

Hanging on poles

For outdoor use

Last Update (25.04.2024)

©2024 Lapp Group - Technical changes reserved

Product Management [www.lappkabel.de](http://www.lappkabel.de)

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

PN 0456 / 02\_03.16

## HITRONIC® HQA-Plus Aerial Cable

Laying on poles  
Installation on building columns

### Product features

Stranded loose tubes with up to 96 fibres  
Colour-coded fibres and loose tubes  
Mechanical support members (central filler and aramid yarns)  
Robust, halogen-free outer sheath  
Span width up to 250m

### Product Make-up

Up to 8 stranded gel-filled loose tubes  
Central GRP strength element  
Aramid yarns as strain relief  
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-DQ2Y(ZN)2Y ADSS All-Dielectric Self-Supporting
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:	MAT: 8000 N EDS: 3200 N
Temperature range:	Fixed installation: -40 °C to +70 °C Occasional flexing: -30 °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.  
Further cable versions are available on request.

**HITRONIC® HQA-Plus Aerial Cable**

Article number	Article designation	Fibre type	Number of fibres	Outer diameter [mm]	Weight (kg/km)
Single-mode E 9 OS2					
26644912	HITRONIC® HQA-Plus3200 6x2E 9/125 OS2	9/125 OS2	12	12.8	132
26644924	HITRONIC® HQA-Plus3200 6x4E 9/125 OS2	9/125 OS2	24	12.8	132
26644948	HITRONIC® HQA-Plus3200 6x8E 9/125 OS2	9/125 OS2	48	13.7	151
26644972	HITRONIC® HQA-Plus3200 6x12E 9/125 OS2	9/125 OS2	72	13.7	153
26644996	HITRONIC® HQA-Plus3200 8x12E 9/125 OS2	9/125 OS2	96	15.3	188