

HITRONIC® HMDC Micro Cable

HITRONIC® HMDC Micro Cable for pipe systems, cable with reduced outer diameter
A-D(ZN)B2Y with 4 up to 12 single-mode fibres

Info

A-D(ZN)2Y

Micro special cable designed for
installation by air-blowing systems
(Micro Ducts)



Waterproof



UV-resistant



Low weight



Halogen-free

Benefits

Suitable for blowing into micro-ducts

Very compact dimensions

(between 2mm to 2.5mm diameter)

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

Application range

FTTH applications

House connection

Telecommunications network

For installations by blowing

Methods of deployment: for blowing or pulling into micro ducts

Last Update (25.04.2018)

©2018 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® HMDC Micro Cable

Product features

Colour-coded fibres
High reduced dimensions
(cable diameter $\leq 2.5\text{mm}$)
Halogen-free, low-friction outer sheath
UV-resistant

Product Make-up

Central mini subunit with up to 12 fibres
Standard with single-mode fibre type G.657.A1 (low macrobending sensitive fibre)
Aramid yarns as 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
Fibre type:	Single-mode ITU-T G657.A1
Standard designation:	A-D(ZN)2Y
Optical fibre type:	Core material: glass Cladding material: glass
Permissible bending radius:	$\geq 25 \times$ outer diameter
Permissible tensile force:	Installation: 200N
Temperature range:	Fixed installation: -40°C to $+80^{\circ}\text{C}$ During installation: -10°C to $+50^{\circ}\text{C}$

Note

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

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® HMDC Micro Cable

Article number	Article designation	Fibre type	Number of fibres	Outer diameter [mm]	Weight (kg/km)
27009802	HITRONIC® HMDC 2E9/125 G.657.A1	9/125 G.657.A1	2	2	5
27009804	HITRONIC® HMDC 4E9/125 G.657.A1	9/125 G.657.A1	4	2	5
27009806	HITRONIC® HMDC 6E9/125 G.657.A1	9/125 G.657.A1	6	2.2	5
27009808	HITRONIC® HMDC 8E9/125 G.657.A1	9/125 G.657.A1	8	2.3	5
27009812	HITRONIC® HMDC 12E9/125 G.657.A1	9/125 G.657.A1	12	2.5	5

Last Update (25.04.2018)
©2018 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