

ACEFLEX-HF COM DCA 1 KV

Halogen-free flexible 1 kV installation cable with pilot cores



Afumex®

<p>APPLICATION</p> <p>RATED VOLTAGE</p> <p>Declaration of Performance (DoP)</p>	<p>Halogen-free flexible hybrid cable for fixed installations indoors and outdoors, and also in ground (70 cm). Specially suitable for supply power for electric vehicle charging stations.</p> <p>U_o/U = 0,6/1 kV</p> <p>Ref. No 1014707</p>
---	--



<p>IEC 60502-1</p> <p>EN 50575:2014+A1:2016</p> <p>EN 13501-6, class Dca-s2,d2,a1</p> <p>IEC 60332-1-2</p> <p>IEC 60754</p> <p>IEC 61034</p>	<p>1 kV & 3 kV power cables with extruded insulation.</p> <p>hEN CPR cables</p> <p>CPR fire class, Dca-s2,d2,a1</p> <p>Vertical flame propagation for a single insulated wire or cable</p> <p>Corrosive gases</p> <p>Smoke density</p>
--	--

<p>Identification of cores</p> <p>Conductor</p> <p>Conductor surface</p> <p>Insulation</p> <p>Outer sheath</p> <p>Max. conductor temperature [°C]</p> <p>Max. conductor temperature at short circuit [°C]</p> <p>Permitted cable outer temperature during assembling/handling (min) [°C]</p> <p>Minimum permissible bending radius during laying</p>	<p>5 cores: ye/gn, bu, bn, bk, gy and wi, rd and wi, bu</p> <p>Copper</p> <p>Bare</p> <p>XLPE</p> <p>Halogenfree polymer</p> <p>90</p> <p>250</p> <p>-20</p> <p>10x OD</p>
--	--

FIRE PROPERTIES

<p>Reaction-to-fire, CPR classification</p> <p>Flame retardant</p> <p>Halogen free</p>	<p>Dca-s2,d2,a1</p> <p>In accordance with EN 13501-6</p> <p>Yes</p>
--	---

© Prysmian Group Finland Oy. All rights reserved.

All sizes and values without tolerances are reference values. Specifications are for product as supplied by Prysmian Group; any modification or alteration afterwards of product may give different result.

The information contained within this document must not be copied, reprinted or reproduced in any form, either wholly or in part, without the written consent of Prysmian Group. The information is believed to be correct at the time of issue. Prysmian Group reserves the right to amend this specification without notice.

This specification is not contractually valid unless specifically authorised by Prysmian Group.

DELIVERY INFO

Sno	PRODUCT NAME	EAN-code (GTIN)	Packaging type	Standard delivery length
0401608	ACEFLEX-HF Com Dca 5G6+2x2x1 1kV K500	6430065754299	Drum	500
0401609	ACEFLEX-HF Com Dca 5G16+2x2x1 1kV K500	6430065754305	Drum	500

© Prysmian Group Finland Oy. All rights reserved.

All sizes and values without tolerances are reference values. Specifications are for product as supplied by Prysmian Group; any modification or alteration afterwards of product may give different result.

The information contained within this document must not be copied, reprinted or reproduced in any form, either wholly or in part, without the written consent of Prysmian Group. The information is believed to be correct at the time of issue. Prysmian Group reserves the right to amend this specification without notice.

This specification is not contractually valid unless specifically authorised by Prysmian Group.

MECHANICAL AND ELECTRICAL DATA

Product name	Diameter over cable [mm]	Max. DC resistance, conductor (20°C) [ohm/km]	Current rating, ref. install. type E [A]	Weight [kg/km]	Min. permissible bending radius during laying [mm]
ACEFLEX-HF Com Dca 5G6+2x2x1	18	3.3	56	540	150
ACEFLEX-HF Com Dca 5G16+2x2x1	23	1.21	104	1,100	190

Current rating: installation method E (in free air), conductor max. operation temp.