



# HUBER+SUHNER® GROUNDING KITS FOR COAXIAL CABLES SERIES 9076 DATA SHEET AND MOUNTING INSTRUCTION

## Description

Series 9076 grounding kits enable reliable outdoor grounding of today's usual corrugated copper tube and RG cables for radio transmitter antenna installations.

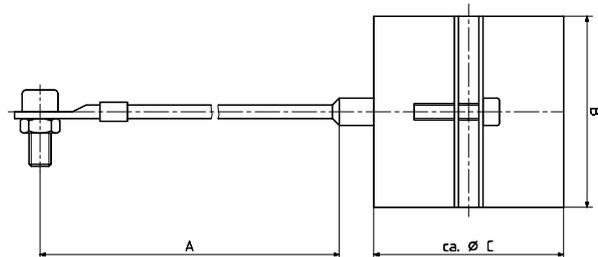


## Features

- quick and easy installation
- no loose piece parts
- low contact transition resistance (1 mΩ max.)
- grounding cable AWG 6 (16 mm<sup>2</sup>)
- current handling capability 100 kA
- waterproof IP 67
- corrosion resistant

## Materials

Metal mounting parts: ..... Stainless steel  
 Contact part: ..... Copper  
 Gasket: ..... EPDM



## Products

1. Straight (right angle to corrugated copper tube cable) grounding cable connection

Type "N"	For Cable Size SUCOFEED, Andrew, Nokia, Kabel- metal, RFS, Eupen, etc.	"A" (mm)	"B" (mm)	"C" (mm)	Stripping Length (mm)	Grounding Screw	Weight (g)
9076.99.N014	1/4", RG213	840	50	28	26	M8	250
9076.99.N038	3/8"	840	50	28	26	M8	250
9076.99.N013	1/2" highflex	840	50	32	26	M8	260
9076.99.N012	1/2"	840	50	32	26	M8	260
9076.99.N078	7/8"	840	50	44	26	M8	290
9076.99.N114	1 - 1/4"	840	70	59	26	M8	500
9076.99.N158	1 - 5/8"	840	70	69	30	M8	530

Mounting Instruction No. 23 014 696

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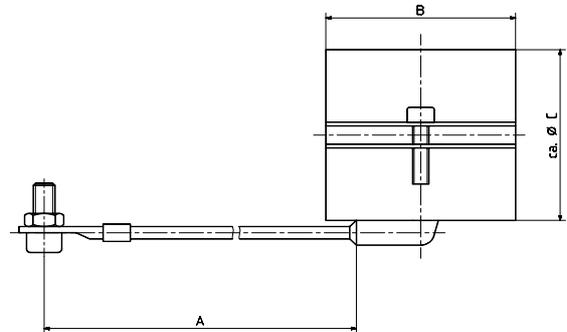
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## 2. Parallel (aligned to corrugated copper tube cable) grounding cable connection

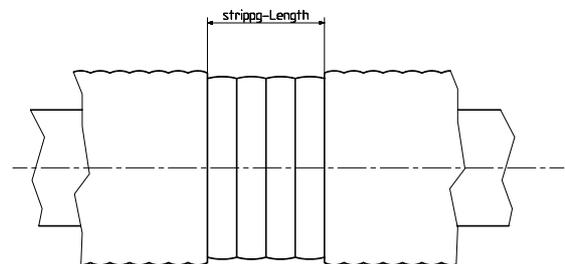


Type "P"	For Cable Size SUCOFEEED, Andrew, Nokia, Kabel- metal, RFS, Eupen, etc.	"A" (mm)	"B" (mm)	"C" (mm)	Stripping Length (mm)	Grounding Screw	Weight (g)
9076.99.P014	1/4", RG213	840	50	28	26	M8	250
9076.99.P038	3/8"	840	50	28	26	M8	250
9076.99.P013	1/2" highflex	840	50	32	26	M8	260
9076.99.P012	1/2"	840	50	32	26	M8	260
9076.99.P078	7/8"	840	50	44	26	M8	290
9076.99.P114	1 - 1/4"	840	70	59	26	M8	500
9076.99.P158	1 - 5/8"	840	70	69	30	M8	530

## Stripping Dimensions

Concerning the necessary cable jacket length which has to be removed, refer the tables above, column "stripping length".

Select according to type number.



The mounting instruction is shipped with every kit.

It can also be obtained as download from our homepage (LP accessories) or the catalogue CD-ROM.

## Mounting Steps

### 1. Remove Cable Jacket

Cut out a length of cable jacket according to dimension "stripping length". Take care for selecting a straight section of the cable for this operation.

Important: Start cutting in a trough of the corrugation with corrugated cables. Do not damage the copper tube respectively the cable screen.



### 2. Prepare Grounding Kit

Open the grounding kit.



### 3. Fix Grounding Kit to Cable

Push the contact bracket "C" over the cable copper tube or screen. Apply grease to the outer surface of the rubber sealing. Close the outer bracket of the kit and tighten the screw.



### 4. Fix Grounding Kit to Grounding System

Connect the grounding kit to the lightning protection system (e.g. metal mast, down conductor, bonding system). Fix the cable of the kit with its M8 screw to the grounding/bonding facility.



5. Recommended: Wrap the cable grounding section

Apply an additional sealing by wrapping the cable clamping section with selfvulcanizing tape.



**WAIVER!**

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