

# **Insulated Conductor for Wind Turbine Blade Protection**



### **FEATURES**

Insulation cold bend test per UL® 758

### **SPECIFICATIONS**

**Conductor Type:** Smooth Weave

Flammability Rating: UL® 94V-0;UL® 1581 VW-1

Working Temperature: -40 to 105 °C

Table 1/2							
Catalog Number	Material	Length (L)	Conductor Size	Cross Section	Diameter (Ø)	Insulation Thickness	
LPA103IN	Aluminum, Polyvinylchlorid e		70 mm² Stranded	70mm²	18.5 mm	2 mm	
LPA103IN0100. 0	Aluminum, Polyvinylchlorid e	100m	70 mm² Stranded	70mm²	18.5 mm	2 mm	
LPA103IN0500.	Aluminum, Polyvinylchlorid e	500m	70 mm² Stranded	70mm²	18.5 mm	2 mm	
LPC050IN0044.	Copper, Polyvinylchlorid e	44m	50 mm² Stranded	50mm²	17.27 mm	2 mm	

CatalogNumber	Material	Length (L)	Conductor Size	Cross Section	Diameter (Ø)	Insulation Thickness
LPC050IN0047.	Copper, Polyvinylchlorid e	47m	50 mm² Stranded	50mm²	17.27 mm	2 mm
LPC050IN0100. 0	Copper, Polyvinylchlorid e	100m	50 mm² Stranded	50mm²	17.27 mm	2 mm
LPC103IN	Copper, Polyvinylchlorid e		70 mm² Stranded	70mm²	18.97 mm	2 mm

Table 2/2					
Catalog Number	Dielectric Strength				
LPA103IN	20				
LPA103IN0100.0	20				
LPA103IN0500.0	20				
LPC050IN0044.0	20				
LPC050IN0047.0	20				
LPC050IN0100.0	20				
LPC103IN	20				

# ADDITIONAL PRODUCT DETAILS

LPA103IN, LPC050IN and LPC103IN represent the base part number and are orderable in custom lengths.

# **DIAGRAMS**



### **WARNING**

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

MARNING: This product can expose you to chemicals including vinyl chloride, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

### **North America**

+1.800.753.9221 Option 1 – Customer Care Option 2 – Technical Support

# Europe

Netherlands: +31 800-0200135 France: +33 800 901 793

### Europe

Germany: 800 1890272 Other Countries: +31 13 5835404

### **APAC**

Shanghai: + 86 21 2412 1618/19 Sydney: +61 2 9751 8500



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