

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, Polyvinylchloride		70 mm ² Stranded	70mm ²	18.5 mm	2 mm
LPA103IN0100.0	Aluminum, Polyvinylchloride	100m	70 mm ² Stranded	70mm ²	18.5 mm	2 mm
LPA103IN0500.0	Aluminum, Polyvinylchloride	500m	70 mm ² Stranded	70mm ²	18.5 mm	2 mm
LPC050IN0044.0	Copper, Polyvinylchloride	44m	50 mm ² Stranded	50mm ²	17.27 mm	2 mm

CatalogNumber	Material	Length (L)	Conductor Size	Cross Section	Diameter (Ø)	Insulation Thickness
LPC050IN0047.0	Copper, Polyvinylchloride	47m	50 mm ² Stranded	50mm ²	17.27 mm	2 mm
LPC050IN0100.0	Copper, Polyvinylchloride	100m	50 mm ² Stranded	50mm ²	17.27 mm	2 mm
LPC103IN	Copper, Polyvinylchloride		70 mm ² Stranded	70mm ²	18.97 mm	2 mm
LPC103IN0060.0	Copper, Polyvinylchloride	60m	70 mm ² Stranded	70mm ²	18.97 mm	2 mm
LPC103IN0200.0	Copper, Polyvinylchloride	200m	70 mm ² Stranded	70mm ²	18.97 mm	2 mm

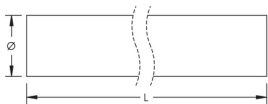
Table 2/2

Catalog Number	Dielectric Strength
LPA103IN	20
LPA103IN0100.0	20
LPA103IN0500.0	20
LPC050IN0044.0	20
LPC050IN0047.0	20
LPC050IN0100.0	20
LPC103IN	20
LPC103IN0060.0	20
LPC103IN0200.0	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.

⚠ WARNING: 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.

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