LPES INTERNATIONAL
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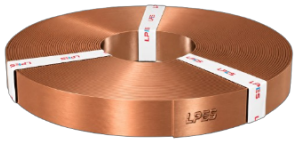
TECHNICAL DATA SHEET



COMPONENT ART:
LPES- 010064230

Component Description:

75x10 mm Copper Coated Conductor:

LPES Non Insulated/Bare Mild Steel Copper Coated 76 - 100 micron Flat Solid 75mm_10mm Conductors Design & Comply As Per IEC 62305, NBC 2016 & IEEE 80, Tested As Per IEC 62561-2 Part No. 010064230 Article No. LPES-CD-SO-F-MS-75mm_10mm-CC-76_100-BA

UV resistant. Classification H1.
Use for Lightning Protection Class I-II-III-IV.

Installation:

Additional components:

Classified Holders of Liner and Fix motion.

Down and Ground termination system of Overhead and integrated systems.

Dimensions:

Cross Section of Fl :	750 sq mm
Size / Ø :	75x10 mm
Ends :	Flat
Material :	Copper Coated steel
Coating	100 micron
Coating Thickness	

Characteristic:

Material thickness:	10 mm
Tensile Strength:	0.0173 μΩm
Electro magic	> 54% IACS
Compatibility:	Passive
Weight :	5.95 kg/m

Standard:

IEC EN 62561-2:2017

Tests:

- Environmental Test
  - Salt mist (EN 60068-2-52:1996)
  - Humid sulphurous atmosphere (ISO 6988:1985)
- Thickness Coating of Conductors ISO 1460 ISO1461 ISO 2178
- Bend and Adhesion Test
- Tensile Test ISO 6892-1
- Electrical Resistivity Test
- Marking Tests
- EMC Test