LPES INTERNATIONAL
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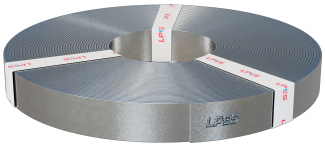
TECHNICAL DATA SHEET



COMPONENT ART:
LPES- 010065120

Component Description:

75x12mm GI Flat Conductor

SITC of LPES Non Insulated/Bare Mild Steel Galvanized Iron 76 - 100 micron Flat Solid 75mm_12mm Conductors Design & Comply As Per IEC 62305, NBC 2016 & IEEE 80, Tested As Per IEC 62561-2 Part No. 010065120 Article No. LPES-CD-SO-F-MS-75mm_12mm-GI-50_75-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 :	900 mm²
Size / Ø :	75x12 mm
Ends :	Flat
Material :	SltZn
Coating Thickness	70 micron

Characteristic:

Material thickness:	12 mm
Electrical Resistivity ρ :	0.036 µm
Tensile Strength:	>300 N/mm2
Electrical Conductivity:	> 54% IACS
Electro magic Compatibility:	Passive
Weight :	7.15 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