

TECHNICAL DATA SHEET



**COMPONENT ART:
LPES- 010064130**

Component Description: **75X10mm GI Flat Conductor:**
SITC of LPES Non Insulated/Bare Mild Steel
Galvanised Iron 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. 010064130 Article No. LPES-CD-SO-
F-MS-75mm_10mm-GI-76_100-BA

Classification H1.

Use for Lightning Protection Class I-II-III-IV.

Additional components:

Installation: Classified Holders of Liner and Fix motion.
Down and Ground termination system of Overhead and
integrated systems.

Dimensions:	Cross Section of FI :	750 mm ²
	Size / Ø :	75x10 mm
	Ends :	Flat
	Material :	StZn
	Coating Thickness	100 micron

Characteristic:	Material thickness:	10 mm
	Electrical Resistivity ρ :	0.036 μΩm
	Tensile Strength:	>300 N/mm ²
	Electrical Conductivity:	> 54% IACS
	Electro magic 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